



# **JULY 10 – 13, 2025**

## **Fair Book**

**COUNTY FAIR OFFICE**  
807 N High  
Mankato, KS 66956

**EXTENSION OFFICE**  
307 N Commercial  
Mankato, KS 66956  
785-378-3174

**K-STATE**  
Research and Extension



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**Restrooms** are located on the west side of the Deibert Building (fair office) and are overseen by the Jewell County Fair Board. There are also porta-potties south of the Food Stand.

### JEWELL COUNTY FAIR OFFICIALS

Overall fairgrounds, fair board chair: Neil Bouray  
Fair Board treasurer, fair office secretary: Lesa Peroutek  
Open class Quonset: Barb Mizner (Friday)  
Entertainment & special events: Lesa Peroutek  
Premium sale finances: Lesa Peroutek  
Post Rock District Director & Youth Agent: Nora Rhoades  
4-H exhibits, 4-H program coordinator: Tonia Underwood  
Extension office professional: Teresa Shipley, Tonia Underwood  
4-H Food Stand Manager: Sarah Strnad

### THANK YOU for giving your time to be a department superintendent!

You provide one of the most important duties of the county fair; without you, it would be almost impossible to conduct a successful county fair. We always welcome your comments and suggestions. We hope your experiences will be very rewarding and that you will continue to be a positive player on our county fair team.

# 2024 Jewell County Awards, Showmanship Gift Certificates, Belt Buckles

**Atwood, Nola Bess Family:** overall sheep showman, overall goat showman

**Bighorn Farms LLC, Chad & Krystal Wulf:** breeding goat belt, breeding ewe buckle

**Bledsoe Family:** bucket calf belt, poultry buckle

**Bouray, Theresa & Lawrence:** senior visual arts & crafts

**Bradrick, Susan:** wildlife

**Brandt, Nate & Karina:** breeding gilt buckle

**Brodstone Healthcare:** junior photography

**Colson, Ann & Stan:** ag mechanics/welding, aerospace/rocketry

**Colson, Zach & LaRae:** market lamb buckle

**Dempsey, Jo & Wayne:** senior beef showmanship, junior horse showmanship, senior agronomy

**Farmway Credit Union:** breeding gilt, junior pets

**Frerichs, Twilla & Gene:** electrical & renewable energy

**Frost, Natalie & Wayne:** reserve round robin buckle

**Garcia Ranch:** market steer buckle, market swine buckle

**Goodheart, Lisa:** overall horse showman

**Greene, Janelle & Scott:** poultry showmanship, sewing & textile design

**Hancock, Doug:** halter mare

**Harris, Wilton & Wendy McCutcheon & Lorna Hudiburgh:** market goat buckle

**Heitman, Josh & Amanda:** overall beef showman, senior sheep showmanship, senior swine showmanship, senior foods

**Hesket- Bingham, Judy:** junior foods, goat daily gain

**Ideal Market:** senior photography

**J-Janes:** leadership, officer book

**Jewell County Saddle Club:** horse high points champion & reserve

**Langer, Frank & Bonnie:** swine daily gain

**Lorence, Sheila & Dwayne:** overall beef breeding, senior goat showmanship

**Mankato Eager Beavers:** Interior & Architecture Design

**Manning Daphne:** junior fiber arts, food preservation

**McDill & Vance Families:** dairy goat showmanship, sheep daily gain

**Murray, Deb:** goat breeding, senior horse showmanship

**Odessa Homemakers:** junior visual arts & crafts

**Peroutek, Jim & Lesa:** junior goat showmanship, market lamb, sheep carcass

**Peters, Elaine & Daniel:** senior fiber arts

**Pumphrey Trucking:** breeding heifer buckle

**Railsback, Nadine & Frank:** dairy cattle, poultry junior showmanship, sheep breeding, senior pets

**Rannebeck, Barb:** poultry, catch-a-goat, dairy showmanship, performing arts

**Reed, Juanice:** dairy goat

**Rock Hills FFA:** round robin buckle

**Ryan, Joel Memorial:** overall bucket calf

**Shipley, Gary & Teresa:** market hog, swine daily gain, swine carcass, junior swine showmanship, senior woodworking

**Shipley, Ione:** junior beef showmanship, overall swine showman

**Smith, Phyllis & Van:** halter gelding

**Spiegel, Janelle & Steve:** junior sheep showmanship

**State Farm, Clint Colson & Levi Gunn:** misc. buckle expenses

**Sweat, Deanna & Loren:** junior & senior horticulture & landscape design, catch-a-pig

**T & L Trucking, Lisa & Todd Boyles:** fashion revue shopping in style

**Thompson, Richard & Betty:** market goat

**Thummel, Wanda in memory:** fashion revue sewing & textile design, goat carcass

**Timber Valley Ranch:** junior woodworking

**Underwood Brothers:** livestock judging

**Underwood, Tonia & Stede:** building block engineering

**Unruh, Rob family:** senior poultry showmanship

**Warne, Dave Family:** beef daily gain, beef carcass

**Wilson, Jim family:** market steer

# 2024 LIVESTOCK PREMIUM BUYERS

Alexander Motors	Fuller, Danny	Murray, Cody, M&M
American Ag Credit	Fuller, Jamey & Sara	Cattle
Aurora Cooperative	Greene, Norman	Naylor, Aimee
Axis Seed, Jared Gunn	Greene, Scott & Janelle	Nuthin' Fancy
B & H Ranch, Bill	Gunn, Steve	Ortman Insurance, Jason
Roe	J & H Service	Ortman
Becker & Bouray	Jensen Livestock	Oz Insurance, LLC
Auction	Agency	Paul Wilson, CPA
Becker, Matthew	Jewell County Farm	Peroutek Farms
Benoit Land &	Bureau Assn.	R Seed Plus, LLC Randall
Cattle	Joe Wilson Insurance	Farmers Coop
Bobo's Meats	Agency	Union
Bohnert Welding	Kadel, Kevin	Rolling Hills Electric
Bouray, Neil	Kasl, Austin	Cooperative
C & W Farm Supply	Kiers Thriftway, Kiers	Russell Cattle Co.
Carlson, Jan	Enterprise, Inc.	Russell, Garrett
Carrico Implement	Kohn Farms, Brad	Scoular Grain
Central National Bank	Kohn	SMC Concrete &
Citizens National Bank	Lange, Corlene	Construction
Cloud County Coop	Lorence, Dwayne &	Smith Center Vet Clinic
CLX Trucking	Sheila	Smith, Max & Stacey
Courtland Journal	Mankato Express	Solomon Valley Bank
Doane Family Farms	Mankato Livestock,	Spring Creek Family
Downs Vet Clinic Duis/	Inc	Farms
Swenson Meat	Mankato Pharmacy,	State Exchange Bank
Processing, LLC	Lyle Dauner	Superior Commodities
Esbon Ag Supply,	Mankato Plumbing &	TA & B Trucking
Kenny & Nick	Appliance	T & L Trucking, Todd &
Mizner	Marsh Creek Farms,	Lisa Boyles
Farm Management	Spiegel Family	T & S Strnad Charlois
Services	Megrue-Price Funeral	T & S Strnad Trucking
Farmway Credit Union	Home	Tebow Plumbing Co.
Figgins, Karen	Melby Mortuary	Timber Creek, Kendall
Frost, Ivan & Leta	Meyer's Aerial	Nelson
Frost, Wayne &	Service LLC	Tucker, Kathy
Natalie	Midway Coop	Warne Real Estate

## **2024 Booster**

### **Members**

#### **Individuals**

Baetz, Jason & Melody  
Beard, Susan  
Bouray, Kent & Betty  
Boyles, Doug  
Bruns, Zach & Jennifer  
Colson, Gary  
Cool, Jerry  
Cool, Tonya  
Cool, Twila  
Dillard, Crystal  
Duskie, Wyatt &  
Morgan  
Fleming, Ruth  
Flinn, Max & Susan  
Frost, Wayne & Natalie  
Fuller, Jamey & Sara  
Henry, Derek & Jill  
Lorence, Dwayne &  
Sheila  
Luchtel, Cindi  
Marr, Tyler & Shiann  
Nelson, Kendall  
Peters, Lavernia  
Revell, Linda Family  
Saurhageau, Nancy  
Schoenrock, Travis  
Spiegel, Steve & Janelle  
Underwood, Deb  
Underwood, Jami Family  
Wulf, Krystal  
Zentz, Pat

### **Businesses**

Axis Seed, Jared Gunn  
Bohnert Welding, LLC  
Bourbon Trucking LLC  
Citizen's State Agency  
Fleming Gamebirds  
Hair & More  
Ideal Enterprises, Inc.  
Jewell Implement Co.,  
Inc.  
Mankato Auto Parts  
Mankato Plumbing &  
Appliance  
Midway Coop  
Republic Oil Company  
Rock Road Ranch  
Samuel D Gillett Trust  
Superior Ace Hardware  
Superior Industries  
Superior Physical  
Therapy LLC

## 4-H, FFA, Open Class, Scouts

### Superintendent Instructions

#### Department information

- ☐ A **number** is assigned to each department (see index for page number)
- ☐ **Names** of all superintendents are listed
- ☐ **Scheduled judging times** are approximate and will vary depending on the number of entries, so please be patient if your judge is working in several other departments
- ☐ **General rules apply to all departments.** Be aware of both general and division specific rules.
- ☐ **Number** of 4-H members enrolled and number of awards are listed per department

#### Superintendent Responsibilities

1. All superintendents plan to arrive at least 30 minutes prior to the time your department exhibits are to be judged; begin by checking in the exhibits of department superintendents so all superintendents will be ready when exhibitors begin arriving. Superintendents are responsible for their department's notebook and must accurately record information (the exhibitor's name, number, and exhibit placing) return to the fair office. ***On Tuesday, July 8: Open Class QUILTS superintendents need to arrive at the Mankato Community Center by 9:00 a.m. to check in exhibits, Open Class FOODS at 11:00 a.m., 4-H PHOTOGRAPHY at 9:30, CLOTHING/FASHION REVUE at 11:30 a.m. and 4-H FIBER ARTS and FOODS at 1:00 p.m. - all other Quonset department superintendents: arrive by 7:00 a.m. on Friday, July 11. NOTE change of day.***

2. Make sure to introduce yourself and the department you represent to your judge. Your judge may be judging several departments so check with other department superintendents to become familiar with the judge's schedule. For questions concerning your department's judging guidelines, ribbon, or award selection process (if you are unsure, please ask Tonia Underwood). Be sure the judge is aware of the time allowed for judging and as the department superintendent, you are responsible for assuring that all exhibitors are treated courteously and that the entire judging process is conducted in an unbiased manner. Judges may be seated at tables arranged near the center of the commons/Quonset. Superintendents are urged to assist each other to speed up the judging process.

3. As exhibitors arrive, introduce yourself and make them feel welcome. For all departments that are conference judged (youth exhibitor is present when their entry is evaluated by the judge), check that youth have signed the registration sheet. Use the numeric order on the registration sheet as the order in which exhibits are judged. A parent and/or leader may accompany youth for

conference judging and youth are encouraged to converse with the judge during conference judging. **Adults are asked to refrain from talking until the judge has placed the exhibit.**

4. During the judge's evaluation, offer to write comments the judge may want to be written, use the section of the entry card that will remain with the exhibit or on comment cards. Be aware of the time and inform the judge if too much time is being taken. Make sure that there is fairness in all aspects of the judging environment.

5. Accurately record the placing for each exhibit in the department notebook and **double-check** that each entry card has the correct placing marked. News releases and premium amounts are based on information recorded in the department notebook. 2-sectional cards are used for entries displayed in the Quonset; attach one section with the ribbon to the exhibit. **Alphabetize the portion marked for office use and turn in this card section with your notebook to the fair office.**

6. When all exhibits have been judged, double-check that all award decisions and selections have been finalized. Also, make sure the judge has completed an expense sheet. If your judge is finished judging and is ready to leave, accompany them to the fair office and have them pick up their check. Please express appreciation to the judge and be sure that any suggestions made by the judge have been written on the evaluation sheet that is in your notebook.

7. Once all exhibits are judged, attractively display all exhibits, making sure that the correct ribbon is securely attached with one section of the entry. Take care that all exhibitors' names and the ribbons are clearly visible.

8. Comments from everyone who helped in the judging process are valued and evaluation forms are placed in department notebooks for each superintendent to record any comments or suggestions you may have regarding any portion of the judging process. One comment sheet per department is sufficient. Before returning your department notebook to the fair office, double-check that all exhibit placings are recorded, any special recognitions are noted, and that the comment form is in your notebook.

9. Questions and comments will be discussed at the **pre- fair superintendent's meeting/department set up to be held at the fairgrounds on Tuesday, July 8 at 4:00 p.m.** You will be able to inspect your department area and take care of the setup and arrangement of tables, display boards, show racks, pen locations, minor repairs, painting, dusting, & getting ready for exhibits.

10. One person from each department is to assist with **exhibit checkout on Sun. evening, July 13, 4:30-5:30 p.m.** If no one can do this, please let the Extension Office or Fair Office know.



## **Division I - 4-H / FFA NON-LIVESTOCK**

**Check in: Friday, July 11, 7:30-8:30** a.m. - judging begins at 9:00 a.m. Check out: Sunday, 7/13 at 4:30 p.m.  
**Exception-**fashion revue, clothing, foods, photography & fiber arts judged Tuesday, 7/8 at Mankato Community Center

**#1 Aerospace Rocketry/ #2 Ag Mechanics Welding/ #5 Building Block Engineering/ #13 Electric & Renewable Energy / #20 Geology/ #29 Robotics/ #31 Shooting Sports/ #32 Small Engines/ #36 Wildlife/ #37 Woodwork/ #38 FFA Ag Mechanics:** Gary Shipley, Mike & Lenden Worm, Tracy, Gabriella, & Quartus Gunn, William Cockroft, Kimberley & Levi Waide

**#3 Agronomy/ #19 Forestry/ #22 Horticulture & Landscape Design:** Stede & Nelson Underwood, Callyn Nash

**#6 Civic Engagement/ #8 Cloverbuds/ #11 Computer Science/ #12 Dog/ #15 Environmental Science/ #23 Interior Design/ #24 Leadership/ #25 Performing Arts/ #28 Reading Adventures/ #30 Self-Determined/ #34 Veterinary Science:** Karen & Jacob Cockroft, Jen or Justin & Gracelynn Scarrow, Blaine Frost

**#7 Clothing & Fashion Revue:** Sara & Myka Fuller, Kelly & Katelyn Everhart, Kimberley & Hannah Waide

**#9 Club/Chapter entries (banners, books, displays)/ #35 Visual Arts:** Christina, Brynlee & Hazel Jeffery, Cecilia & Owen Peters, Jenna & Val Jean Reiter, Devyn Frost

**#17 Fiber Arts (crochet, knitting, needle arts, quilting):** Tonya & Cora Nash, Claire Walker

**#18 Foods:** Julia & Jenna Cady, Kristin & Allison Undewood, Sarah & Grady Warne, Lily Walker

**#27 Photography:** Levi, Jami & Ainsley Gunn, Audra, Isabelle & Lucille Wilburn, Shawnee/Walker & Kaymbri Cool, Wyatt Walker

## **Division II - 4-H / FFA LIVESTOCK**

**#40 Beef & #41 Dairy Cattle:** Natalie & Whitley Frost, Zach, Jen, Jake & Barrett Bruns Jeff & Jayce Cady, Merritt/ Brittany Blain & Harper Dickau

**#42 Dairy Goats & #44 Meat Goats:** Jeremy & Bradley Bledsoe, Zach, LaRae & Stetson Colson, Jennalee & Harlee Harris

**#43 Horses:** Sara, Jamey & Haylee Fuller, Levi & Jami Gunn, Kayla, Griffin & Emmit Dunstan, Justin & Kriesy Kemmerer

**#46 Poultry & #47 Rabbits & #26 Pets:** Hilary, Haylee & Mckenzy Bledsoe, Beth Walker

**#48 Sheep:** Zach, LaRae & Waysen Colson, Brad & Jacob Cockroft, Shakiya Bauer & Jennaveve & Berklie Humphries, Tenzleigh Herz

**#49 Swine:** Ervin & Aaron Underwood, Jeff & Jillyan Cady, Zach, LaRae & Waysen Colson, Jared & Isaac Nelson

**#50 Round Robin:** Neil Bouray, Natalie Frost, Zach Colson, Ervin Underwood, Sara Fuller

**#51 Livestock Judging Contest / Beef Carcass Contest:** Neil Bouray, Jenae Ryan

## **Division III - SCOUTS**

Check in: **Friday, July 11, 7:30-8:30** a.m. - judging begins at 8:00 a.m. Exhibit check out: Sunday, July 13 at 4:30 p.m.

**#42 Boys /#43 Girls:** Pamela Wirth, Jessica Shulda

## **Division IV – OPEN CLASS**

**Check in Friday, July 11, 7:30-8:30** a.m. OR Thurs., July 10, 5-6:00 p.m. - judging begins at 8:00 a.m.

**Exception is quilts & foods:** judged **Tuesday, July 8** check in: 9:00 (11:00 for foods) at Mankato Community Center- all quilts to be displayed during the fair. Exhibit check out: Sunday, July 13 at 4:30 p.m.

**#44 Industrial Arts:** Gary Shipley, Mike & Lenden Worm, Tracey, Gabriella, & Quartus Gunn, William Cockroft

**#45 Field Crops /#46 Garden:** Dee Reed, Daphne Manning

**#47 Floriculture:** Lisa Goodheart, Judy Bingham, Karen Rothfuss

**#48 Foods:** Marlene Brown, Ione Shipley

**#49 Photography:** Rebecca Underwood, Don Koester

**#50 Quilting:** Joan Broeckelman, Eula Silsby, Jamie Lamb (Friday Helpers: \_\_\_\_\_, \_\_\_\_\_)

**#51 Sewing & Fiber Arts (crochet, knitting, needle arts & sewing & #52 Visual Arts:** Elaine Peters, Karen Boden

## **Division V – OPEN CLASS LIVESTOCK**

**Superintendents same as 4-H/FFA departments:** beef, dairy, goats, pets, poultry, rabbits, sheep, swine

**4-H and Open Class Food Sale: 2:00 p.m. Tuesday, July 8 at Mankato Community Center**  
coordinator: Daphne Manning

## CURRENT FAIR BOARD

(First appointment of directors by county commissioners – 11/03)

2023-25	Neil Bouray, ch Natalie Frost Tyler Marr
2024-26	Lesa Peroutek, treas Lisa Goodheart, sec Jared Nelson Jenna Gilbert
2025-27	Beth Walker Jeff Cady, vc Zach Colson

## GENERAL FAIR GUIDELINES

**Code of Conduct:** All exhibitors, volunteers, and spectators participating or attending the Jewell County Fair and related activities represent Kansas 4-H, Kansas FFA, and Jewell County. The Jewell County Fair's primary audience consists of family and youth. The Jewell County Fair Board, Post Rock Extension Staff, and designated volunteers reserve the right to reject any entry or behavior that may be considered objectionable by that audience.

Parents are responsible for their children at all times including any hours spent associated with any county fair activity located at the county fairgrounds, barns, buildings, or any facility used for county fair activities.

All exhibitors, volunteers, and spectators participating in the 4-H and FFA Department and related activities are expected to follow the Kansas 4-H Code of Conduct. The Code of Conduct can be found at <https://www.kansas4-h.org/resources/policy-guide/Kansas%204-H%20Youth%20Code%20of%20Conduct.pdf>.

Any 4-H, FFA, Scout, or Open Class project condoning or promoting the use of alcoholic beverages or illegal substances/drugs, and illegal behaviors will not be accepted for exhibit.

Violators will be asked to leave the premises when there is inappropriate behavior. Law enforcement will be contacted when appropriate.

Those who find themselves unable to conduct themselves within the guidelines listed above may expect:

- to explain their actions to the adults in charge
- to accept the consequences of their actions
- to have the adults in charge work closely with parents/guardians, Fair Board of Directors, Post Rock District staff, and others to see that actions taken, in case of unacceptable behavior, are appropriate and logical consequences for all concerned.

- General Requests and Grievances:** The Jewell County Fair Board of Directors are available to address your questions, requests, and general grievances. A request/complaint will be presented at the time of the situation to the head superintendent of that division for a decision. If an appeal is necessary, it must be presented to the superintendent of that division and a Fair Board member in a timely manner. The Fair Board of Directors will consider the appeal, and their decision will be final. Consequences are to be handled on a case-by-case basis.
- 4-H/FFA Requests and Grievances:** The Jewell County 4-H Council has an appointed committee to hear requests and grievances related to the 4-H/FFA department and 4-H/FFA related activities at the Jewell County Fair. A request/complaint will be presented at the time of the situation to the head superintendent of that division for a decision. If an appeal is necessary, it must be presented to the superintendent of that division and a Post Rock District Staff Member (i.e. the 4-H Program Coordinator) in a timely manner. The committee will meet to consider the appeal, and their decision will be final. Consequences are to be handled on a case-by-case basis.
- Participate at Your Own Risk:** The Jewell County Fair Board of Directors, Post Rock District staff, fair volunteers and superintendents, city of Mankato, or Jewell County Commission *will not assume any responsibility* for any type of loss or accident associated with any county fair activities or events.

If property owners or others desire protection for injury or damage from a fire or other causes, arrangement, and payment for such insurance is the responsibility of those individuals.

- Participation:** All project requirements and deadlines as defined by Post Rock District, Jewell County 4-H Council, and Jewell County Fairboard must be met.
  - Entry cards/designated entry forms are required for **all** exhibits and contests.
  - Violation of any established regulation will result in forfeiture of any prize, ribbon, and premium.
  - Any exhibit entered late may be dropped one ribbon placing or may not even be judged per superintendent discretion on a case-by-case basis.

**If you want to stay – you have to pay!** Campers/RVs using electricity and water will need to pay a fee for staying on the fairgrounds. Please see Lesa Peroutek for more information.

## 4-H / FFA General Regulations

- K-State Research and Extension:** 4-H is a program of K-State Research and Extension (KSRE) which is part of



Kansas State University. Rules and guidelines for the 4-H Division and 4-H related activities at the fair are governed by the K-State Research and Extension Post Rock District Board, giving Post Rock District Staff and approved volunteers enforcement authority. They strive to align the 4-H Division with K-State Research and Extension and Kansas 4-H policies and practices.

**2. 4-H Exhibitors:** Only Kansas 4-H members enrolled in Jewell County are eligible to compete in the 4-H/FFA Department. Each 4-H youth must be fully approved in 4-H Online. Enrollment deadline is May 1 of the current 4-H year.

**3. FFA Exhibitors:** FFA members enrolled in the Rock Hills FFA Chapter may participate in the 4-H/FFA Department. FFA members must have paid current annual membership dues to the Chapter and they must fall within the Kansas 4-H membership age-range to be eligible. A youth can exhibit as a 4-H and FFA member at the same county fair; however, for each project area, they can only represent one organization with their exhibits at that particular county fair. In the event a 4-H member is enrolled in a county different than where their FFA chapter participates, the youth may participate in both counties so long as the project exhibits are completely different in each county (different animals verified, different woodworking/ag mechanic exhibits for each 4-H and FFA experience). If the counties involved extend beyond Post Rock District's region, the expectations of both local units must be met and participation pre-approved by the respective units working with the units' 4-H Youth Development Agents for approval. FFA participation must align with project areas directly relating to the agriculture education experience (i.e. livestock, ag mechanics, woodworking, plant science). It is expected for the FFA Chapter and members to contribute as volunteers and assist with fundraising which benefits the experiences they engage in (i.e. county fair awards, judging boosters, superintendents). FFA members are to enroll with Post Rock District – Mankato Office. The annual Kansas 4-H participation fee will be waived, yet the enrollment will assist with project communication and fair deadlines. All 4-H participation deadlines will apply to FFA Chapters and members, including but not limited to tagging and verification expectations, weigh-ins, project drop/add deadlines, fair entry deadlines and fees, dress code, code of conduct, etc.

**4. Project Drop/Add Deadline:** Members must be enrolled in the project in which they wish to exhibit. The project enrollment, drop/add deadline is May 1 of the current year. All project requirements and deadlines as defined by Post Rock District, Jewell County 4-H Council, and Jewell County Fair Board must be met.

**5. Age Divisions:** 4-H/FFA Age Divisions: **J = junior** (7-12 years), **S = senior** (13 and older). Exception for clothing and fashion revue: J = 7-13, S = 14 and older.

**6. Exhibits** must be entered by a member, except in case of a family emergency or if a youth is attending a 4-H/FFA activity. Exceptions must be requested in advance to the department superintendent or fair staff.

**7. Equal Opportunity and Accessibility:** K-State

Research and Extension is committed to providing equal opportunity for participation in all programs, services, and activities. Program information may be available in languages other than English. Reasonable accommodations for persons with disabilities, including alternative means for communication (e.g., Braille, large print, audiotape, and American Sign Language) may be requested by contacting the event contact Post Rock District office four weeks prior to the start of the fair or pre-fair event at 785-378-3174. Requests received after this date will be honored when it is feasible to do so. Language access services, such as interpretation or translation of vital information will be provided free of charge to limited English proficient individuals upon request. K-State Research and Extension is an equal opportunity provider and employer.

**8. Exhibits:** Exhibits are entered and displayed at the risk of the exhibitor. Due care will be exercised to protect them, but the hazards of the fair should be considered when selecting exhibits.

**9. Project Ownership for County Fair Participation:** The Post Rock District Board believes that for high-quality project learning to take place through 4-H, projects (animals and non-animals) are strongly recommended be owned by May 1 of the current year. All exhibits entered in the 4-H/FFA division of the county fair must be the handiwork of the exhibitor; the grower, where agricultural exhibits are shown; and the owner and feeder, where livestock is entered. All exhibits entered in the 4-H/FFA division of the county fair must be the result of the current program year's work. Ownership is defined so that the project (animal, garden, crop, exhibit creation, sewing, photo, etc.) is under the daily care and supervision of the member; all project-related practices, expenses, and management are the responsibility of the member; and all county fair exhibits should be a planned part of the project.

**10. Animal and Non-Animal Project Verification:** The Post Rock District Staff or 4-H Councils do not require verification of project ownership by May 1 for animals or non-animal project exhibits; however, refer to the Project Ownership for County Fair Participation section above for emphasis on learning value. Each 4-H Council is to designate a pre-fair entry deadline. The pre-fair deadline is when all project exhibits must be designated for the class which they will be shown in at the county fair. Entries can be dropped, but not added after the pre-fair deadline. Any project areas not required by 4-H Council to meet the pre-fair deadline will submit entry requirements at the project's fair check-in time. The 4-H Council will have an exhibit entry card or form designated which will be used to meet the entry requirements for each project area. This will be used to describe the exhibit and articulate the class of the exhibition. Refer to the project area in this fair book for the specific requirements related to your project areas. The Jewell County 4-H/FFA Division's pre-fair deadline is June 18, 2025.

**11. Fair Clean Up and Set Up:** All 4-H/FFA participants must work at fair set-up & clean-up to receive your premium ribbon money.

**12. 4-H Food Stand:** The 4-H food stand is the primary fundraiser for the 4-H Council.

A. All members 8 and older must work at least one food stand shift (2 shifts are preferred) to receive

your fair premiums. Exceptions must be approved by the extension office.

- B.** Work schedules are chosen by the 4-H families. The signup process will be emailed to families.

**13. Set-up/Clean-up/FoodStand Work Shifts:** If a 4-H member misses their required fair set-up, fair clean-up, and/or food stand shift, the consequence is loss of **ALL** premium awards. Conflicts should be presented in advance to the Extension Office so that a make-up can be coordinated and approved by the Extension staff.

**14. Copyright:** Exhibitors (individuals or groups) must avoid using copyrighted materials whenever possible by originating his or her own work. A member or group should use with caution, a copyrighted and/or trademarked product or service (a brand name, label, or product); the intent of using the copyright or trade-mark materials for educational purposes such as an exhibit, educational poster/display or public presentation is acceptable under the "fair use" (legal use) provision. "Fair use" is a provision of the current copyright law that allows reproduction without payment or permission of limited portions of a copyrighted work for educational and other public interest purposes. Copyright and trademark are legal methods used by writers, artists, corporations, and others to protect their original work. Protected items may range from books to music, logos to computer graphics. Copyrighted and/or trademarked materials utilized in banners, displays, demonstrations, posters, or other activities for endorsement or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium.

**15. Fair Information/Forms:** 4-H/FFA forms, documents, and other important information are on the website at <https://www.postrock.k-state.edu/4-h/events/county-fairs/jewellfair/>. Contact the Extension Office for assistance.

**16. Kansas State Fair Entries:** The Jewell County Fair is an official county fair with an approved 4-H/FFA Department. Exhibitors 9 years and older by January 1 of the current year are eligible to exhibit in 4-H at the Kansas State Fair, if an exhibit receives a purple ribbon at the county-level, and there is an appropriate class at the Kansas State Fair. There may be additional exhibit requirements to exhibit at the state fair, so review the Kansas 4-H State Fair Book at <https://www.kansas4-h.org/events-activities/fairs/kansas-state-fair>. Static project items will be transported to the state fair unless the item is too large to be handled by one person.

**Exhibitors must notify their department supt. of their intent to exhibit qualified Quonset items at the Kansas State Fair before the end of fair. The superintendent notes this in their department notebook. Additions/changes to your intent to exhibit at the Kansas State Fair must be made at the Extension Office no later than August 1.** (If August 1 is a weekend, notify by the next business day.)

Exhibiting an animal beyond the 4-H/FFA Division at the county fair means that ownership and identification must meet the requirements outlined by the K-State Youth Livestock Program, Kansas State Fair, Kansas Junior Livestock Show, and all other show governing bodies. The member is responsible for understanding the deadlines and expectations involved. It is strongly recommended to contact the Post Rock District office well in advance of May 1 if you are considering showing an animal at the Kansas State Fair, so expectations and processes can be reviewed and met. The Post Rock District and 4-H Councils are not responsible for missed opportunities if a county fair pre-fair or other deadline does not align with another level of exhibition's requirements.

## **4-H/FFA AWARD GUIDELINES**

### **Ribbon Identification and Guidelines**

Grand champion rosette - dark purple with 2 streamers for all 4-H/FFA departments.

Reserve grand champion rosette - light purple with two streamers for all 4-H/FFA departments.

Champion rosette - dark purple with one streamer. (*livestock classes only*)

Reserve champion rosette - light purple with one streamer (*livestock classes only*)

Purple, blue, red, white - 8" in length by 2" in width for all 4-H/FFA departments.

- Ribbons are to be awarded upon the completion of the competition (no ribbon awarded to any exhibit that remains in competition).
- Grand and reserve grand champion rosette ribbons are awarded in 4-H / FFA departments and in each division, if divided into age divisions.
- Champion and reserve champion rosettes are awarded only in livestock classes.

### **Department Award Guidelines**

- 4-H/FFA awards are sponsored financially by donors through the fair board.
- Award items are selected by the 4-H Council with similar priced items (\$20 avg.) offered to each project area. The Fair Board approves different and other special awards on a case-by-case basis.
- The Extension Office oversees ordering and distributing awards.
- Awards are given to the best exhibit in 4-H/FFA departments, exhibit quality must be deemed worthy at the judge's discretion.
- An award is given for both the Jr. and Sr. age division if the department has three (3) different enrolled members enter at least one exhibit for fair judging in each age division. Departments with less than this minimum will have one department award, combining Jr. and Sr. age divisions. The enrollment and award information outlined by each department in this fair book is an estimate of what will be given based on 4-H/FFA project enrollment by May 1 of the current year (or at time of fair book printing if it is published before May 1). Not every member enrolled in a project will bring an exhibit to the fair, so award decisions should be based on fair entry numbers.

- Awards and donors are announced at the Jewell County Fair Awards Ceremony. Winners are encouraged to be present to be recognized.
- Special awards may be provided to certain classes and divisions. These are on a case-by-case basis from community patrons and are in addition to the general 4-H/FFA awards. The special award donor purchases and provides the award to the Extension Office in advance of the fair. When notice is given, the special award and its requirements will be noted in the fair book under the appropriate department.
- Award winners must select their prize at the fair office by the end of fair.

### Ribbon Premium Guidelines

Exhibitors will be paid premium money on the basis of ribbons awarded:

\$2.50 - rosettes	\$2.25 - purple
\$2.00 - blue	\$1.50 - red
	\$1.00 white

### LIVESTOCK/ANIMALS GENERAL RULES

- ◆ Departments by species: beef, dairy cattle, dairy goat, goat, horse, other animals, poultry, rabbit, sheep, swine
- ◆ Subheadings are phases within a department (i.e. market)
- ◆ Classes are exhibited by either age or weight
- ◆ A maximum of three market animals *per department* may be exhibited
- ◆ A maximum of two breeding animals *per class* is allowed, except for rabbits and poultry
- ◆ Open Class livestock cannot be entered in the Jewell County Fair 4-H/FFA Division at this fair and also be in Open Class

### Livestock Premium Sale

1. The Livestock Premium Sale is Sunday, July 13<sup>th</sup> at 7:00 p.m. at the Mankato Sale Barn.
2. Buyer payment inquiries need to be directed to Lesa Peroutek, fair board treasurer.
3. The Jewell County Fair Board of Directors governs the Livestock Premium Sale.
4. The sale is for youth 4-H/FFA members only, no open class.
5. Post Rock District is not responsible for the planning and facilitation of a county-level premium auction or project sale, nor serve as the fiscal manager of such an event. Post Rock District will enforce that Kansas 4-H policies and code of conduct are followed at these activities because Post Rock District 4-H members are the target audience of such experiences.
6. **Premium Sale Requirements:** Those interested in participating must have a checked-off and signed form turned in to the Fair Office or Extension Office **one hour after the last livestock show has ended. Superintendent list is due then also.** All requirements on the form must be met to be eligible to participate in the sale. The form is posted at [www.postrock.k-state.edu/4-h/county-fairs/jewellfair/](http://www.postrock.k-state.edu/4-h/county-fairs/jewellfair/).
7. **Livestock Sale Premiums:** Livestock exhibitors will receive the amount of money bid at the livestock premium sale. Bidders will pay the fair board, then

the board treasurer will distribute the donated money to livestock exhibitors.

8. **Premium Sale Guidelines:** Only market animals may be sold. A youth may sell a total of two (2) animals. Minimum live weights: **beef-950#, poultry-3#, rabbits-3½#, sheep-100#, swine- 220#, goats- 55#**

**4-H/FFA Animal Verification Due June 18:** All animals (ALL SPECIES) are to be properly owned, tagged, and verified with the Post Rock District by the pre-fair deadline. Refer to the 4-H/FFA General Rules and the specific project's department rules for details. All animals complete an entry and identification form instead of the small exhibit cards. The forms are available at [www.postrock.k-state.edu/4-h/county-fairs/jewellfair/](http://www.postrock.k-state.edu/4-h/county-fairs/jewellfair/). In 2025, a pdf form or a Qualtrics form can be completed and will be accepted.

**4-H/FFA Animal Identification:** The Jewell County Fair Board of Directors and Jewell County 4-H Council obtained the 4-H tags for the 4-H/FFA Division. County-level tags are free to the exhibitor. Kansas 4-H EID tag payment is to be remitted to 4-H Council. When a tag is sold, it will be recorded under the immediate family. Do not transfer a 4-H tag to another family. A photo is not required to be turned in once the animal is tagged. Unused tags are to be returned to the Extension Office. If a tag is lost or damaged, work with the local Post Rock District office to replace it. It is strongly recommended all livestock be tagged at the Jewell County weigh-in dates as announced in the 4-H Newsletter.

The following animals will require the designated 4-H tag: market beef, commercial breeding beef, bucket calf, market sheep, commercial breeding sheep, market swine, commercial breeding swine, market goat, commercial breeding goat, dairy cattle, dairy goat, and other species where tagging is determined safe and appropriate. Either ear can be tagged for the county fair. If an animal is a breed registered, a 4-H tag is not required. A copy of the registered animal's official documentation (i.e. registered heifer) is to be on file at the local Post Rock District office by the pre-fair deadline. Registration papers can be in the member or immediate family name to be accepted. Any animal exhibit with two or more animals (i.e. cow/calf pair) will require verification by a 4-H tag, local farm tag, or registered documentation for the primary animal (cow) and secondary animals will be allowed to have a local farm tag (calf). Animals not requiring a 4-H tag will describe the animal exhibit on the fair entry document which is to be submitted by the pre-fair deadline. Descriptions include breed, sex, name, and special markings. For county-level exhibits in Post Rock District, leg bands are not required for poultry; tattoos are not required for rabbits; identification certificates are not required for horses.

**Open Class Animal Verification and Identification:** There is no pre-entry for open class animals. Turn in the general animal entry form (not cards) at the vet check-in time. As much as possible, turn in your open class paperwork by June 18 to assist with fair planning! You can find the form at [www.postrock.k-state.edu/4-h/county-fairs/jewellfair/](http://www.postrock.k-state.edu/4-h/county-fairs/jewellfair/). In 2025, a pdf form or a Qualtrics form can be completed and will be accepted.

### Animal Health Requirements:

1. All animals must be in good health to be exhibited in any

division of the fair. Before any animal is permitted to be unloaded, a veterinarian will verify and confirm the health of the animal.

2. Any animal health concerns that arise during the fair will be addressed by the superintendent.
3. A state-approved lab tester must conduct all tests.
4. All livestock originating outside of Kansas must meet Kansas import requirements.
5. After animals are penned, the 4-H/FFA/Open Class owner is responsible for grooming the animal & cleaning the pen(s).

**4-H/FFA/Open Class livestock will check with the veterinarian during pre-fair check-in. ALL 4-H/FFA/Open Class will remain at the fairgrounds, unless special permission is obtained from the Head Superintendent, Fair Board, and Extension Staff for temporary absence. Penalty is loss of premium and all awards. Exception is: open class horses can leave fair grounds after the Horse Show. Pets can leave after the Pets Show. Vet check exceptions: Arrival before or after vet check must be pre-approved. Contact Extension Office to make a request. Official Health papers will be required.**

**CATTLE:** Kansas is recognized as a Brucellosis free state, animals of Kansas origin are not required to be tested for brucellosis; any animal without this status must be tested; Kansas is also recognized as a Tuberculosis free state, **cattle and goats** originating in Kansas are not required to be tested for Tuberculosis.

**HORSE:** All open class horses must have an official health certificate stating the animal is free of any contagious, communicable, or infectious diseases (issued within thirty (30) days of the exhibit) and a VS 10-11 form indicating a negative EIA (Coggins) test within the previous 12 months.

**POULTRY:** All poultry exhibits are tested for pullorum on a rotating basis in Kansas. **2025 is not a required year for testing in Post Rock District.**

**SWINE:** Animals of Kansas origin are not required to be tested for pseudorabies or brucellosis; any animal without this status must be tested.

#### **General Animal Rules**

- ▼ It is not acceptable for any coaching to be done from the sidelines during any time an animal is being shown.
- ▼ Stalls must be kept clean and orderly at all times and superintendents have the authority to notify any exhibitor when improvement is needed to keep animals, pens, and aisles clean and safe.
- ▼ No prescription calming agents may be used on animals.
- ▼ Bedding used for animals is the responsibility of the animal owners.
- ▼ All animals that will not be shipped to a locker or involved in the premium auction may be removed from the fairgrounds at exhibit release time on Sunday.
- ▼ All pens are to be cleaned when the animals are removed and checked out.
- ▼ **Animal pens not cleaned before the start of fair cleanup time will be assessed a \$10.00 fee by Jewell**

#### **County Fair Board.**

- ▼ There will be adult supervision in all livestock barns.
- ▼ Animals will remain in their stalls/cages unless being prepared for show, practicing in the arena, showing in their respective classes or being led to water. This is especially important on Friday and Saturday evenings because of the increase in attendance at the fairgrounds.
- ▼ **All water in the animal pens has to be secure. No open water in the swine barn. No water in the beef barn.**
- ▼ **Animal feeding needs to take place under supervision of caretaker. Do not create pen messes or potential hazards. Issues will be addressed by superintendents, Fair Board, and Extension staff as needed.**

#### **Fitting and Showing**

1. **Dress Code:** All exhibitors must wear long pants, appropriate shoes – (no sandals, flip flops, open-toe, crocs or heel shoes), and any 4-H/FFA shirt or an official county fair t-shirt (need not be the current year) or appropriate show attire for the horse show.
2. All animals brought to the fair must be tame and safe around people and must have been trained so that youth can handle and move the animal from the barn to the show ring. Any animal deemed unsafe will not be judged.
3. Youth can only show one animal at a time. If youth have more than one animal per class, another Jewell County 4-H /FFA youth may show the second animal. One showman per animal in the ring in all classes.
4. Each exhibitor must care for and groom his or her own animal and may use only the assistance of an immediate family member (mother, father, legal guardian, brother or sister) or another 4-H member who is an exhibitor at this year's livestock show.
5. Except in extreme cases and only with the permission of the dept. head supt., may a parent show an animal.
6. Animal is presented in its natural conformation and structure without alteration or modification. Alteration or modification shall be defined to include any surgical, chemical, electrical, or other change for cosmetic purposes, save only branding, tattooing, foot trimming, or dehorning. The act of artificially filling animals internally, which would include stomach pumping, drench tubes, or any other method (per esophagus) is prohibited. Silicone injection or other injection for cosmetic purposes shall be prohibited. Anabolic steroid use shall likewise be prohibited and any animal testing positive for anabolic steroid or diuretic use shall be presumed to be altered and modified.
7. Electric shear and power blower are permitted to trim or fit. Adhesives, hairspray, shampoo, and hair polish are permitted. Painting or hair additions are not permitted.
8. All market females must be open to show. At check-in, ALL market female entries must be accompanied by a signed health paper from a licensed vet guaranteeing that the entry has been checked open within 30 days of check-in. or the vet may choose to preg check the animal at check-in.

#### **Showmanship Rules**

1. Judging of showmanship classes will be done before the animals are judged.
2. Showmanship ages for 4-H/FFA livestock departments: junior (ages 7-12) and senior (age 13 and older); open class ages are youth (18 & younger) and adult (19 and older).
3. Livestock exhibitors will be evaluated on grooming and



showmanship techniques.

**4.** Pee wee Showmanship is an open class, participation-only experience. There is no premium awarded. No pre-entry needed. Youth can show any animal that will be exhibited later in the 4-H/FFA/Open Class Shows with permission of owner. Class is for youth not old enough to exhibit otherwise, or other unique situations approved by Fair Board.

**5.** Open Class Showmanship: Exhibitor owns animal and it is properly entered in Open Class livestock division at current Jewell County Fair.

### **Showmanship Judging Criteria**

#### **Preparation of animal for showing - 50%**

**1.** control of feet **2.** trimming of head, ears, hair, horns, etc.  
**3.** washing and cleanliness **4.** condition of coat, including gloss, non-objectionable materials

#### **Showing of animal - 50%**

**5.** control of animal by exhibitor **6.** poise and coolness of exhibitor **7.** ability to stand or move the animal as requested by the judge **8.** skill in showing including: ■ continuous attention, ■ keeping animal placed to advantage, ■ being continuously alert

### **Catch-An-Animal Guidelines**

(NOTE: The catch-an-animal event on Family Night at the Fair (Saturday) is sponsored by Paul Pumphrey Memorial.)

— Youth must be 12 years or younger on January 1 of the current year.

— Youth may not previously have taken this project.

— Youth may receive one donated catch-an-animal per species during their eligibility. A monetary equivalent may be received so the family can purchase the animal. Eligible species are swine, sheep, and goat. Contact the Fair Board Treasurer for details.

— Catch animals are to be exhibited at next year's Jewell County Fair 4-H/FFA Division. They are to participate in the early weigh-in for eligibility in daily gain and carcass contests.

— Catch animals sold at Premium Sale are not eligible for exhibit in a future show by any youth.

**Carcass Competition:** Only market animals are eligible for carcass competition. Animals must comply with weigh-in dates to compete. An animal has to be shown to be eligible. There is an award for the overall champion of the carcass contest in each species.

**Livestock Judging Contest:** ANY animals on the premise may be used for the livestock judging contest.

**Rate of Gain Competition:** Only market animals are eligible for rate of gain competition. Any livestock not weighed in and tagged with the county's official 4-H tag at the designated event are not eligible for the rate of gain contest. **An animal has to be shown to be eligible for rate of gain.** There is an award for the overall champion of the rate of gain contest in each species.

## **Jewell County Fair Board governs the Catch-an-Animal, Carcass Contest, Rate of Gain Contest, and Round Robin.**

### **Open Class and Scouts Award Guidelines**

**Best of Show rosette** - dark purple single streamer ribbon

**Blue, red, white** - 8" in length by 2" in width ribbons

**NOTE:** Stickers identifying ribbon placing are used for Open Class Quonset exhibits. If a ribbon is desired, visit the fair office. The Scouts department will receive a ribbon.

► Ribbons are to be awarded upon the completion of the competition (no ribbon awarded to any exhibit that remains in competition).

► Earning a rosette ribbon is possible for every exhibit.

► Best of Show rosettes are awarded in all open class and scout departments.

► Special awards may be provided to certain classes and divisions. These are on a case-by-case basis from community patrons. The special award donor purchases and provides the award to the Extension Office in advance of the fair. When notice is given, the special award and its requirements will be noted in the fair book under the appropriate department.

## **DIVISION I - 4-H/FFA NON-LIVESTOCK**

### **Display / Notebook / Poster Guidelines for all project areas**

- ☐ **Select** durable materials to withstand county fair conditions
- ☐ **Poster size:** maximum size 22" x 30"
- ☐ **Display space:** maximum size is a 4' wide x 3' tall tri- fold. No card table displays are allowed.
- ☐ **Notebook:** must contain story and other supporting materials but no record sheet should be included. Should be organized in a 3-ring binder.
- ☐ **Copyrighted materials:** see general regulations

**Judging criteria: 50 points - Information  
30 points - General appearance  
20 points - Organization**

### **Ribbon placing will be based on evaluation of:**

- ☐ **Stopping power**
  - Is the main idea specific?
  - Is the idea presented clearly, simply, forcefully?
- ☐ **Interest, holding power**
  - Does the exhibit give the observer additional facts in a clear, concise, informative way?
- ☐ **4-H project application**
  - Is subject matter an effective showcase?
- ☐ **Mechanical power**
  - Correct letter size, pleasing color combination, appropriate symbols, and models?
- ☐ **Personal growth**

How much knowledge was gained by the exhibitor, enthusiasm shown, knowledge shared?

□ **Educational value**

Is knowledge shared?

1. Exhibits in posters, notebooks, and display boards must contain substantial supporting educational materials.
2. Educational display boards, posters, and notebooks should be creative and showcase details about the knowledge learned in the project during the current 4-H year. Value is placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content.
3. Follow copyright laws, citing all sources of information in a standard notation. Sources of information must be cited on the front of your exhibit, including all posters and educational display boards.

**Department 1      Aerospace/Rocketry**

**Enrollment:** 6 jr, 2 sr.      *1 overall award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.

**Description:** The Kansas 4-H Engineering & Technology Aerospace/ Rocketry program is designed to allow 4-H members to explore aerospace through rockets of various sizes. Kansas 4-H has adopted the National Association of Rocketry's rules, regulations, and safety guidelines.

**A. Exhibit Information for ALL rocketry categories:**

1. All revisions of all forms previously released for the division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms should result in the loss of one ribbon placing for exhibits.
2. Relevant documents may be obtained from County Extension Offices or from <http://rocketry.engtech4ks.com/>
3. NAR refers to the National Association of Rocketry and its governing board.
4. Tripoli refers to the Tripoli Rocketry Association and governing board.
5. All NAR documents referenced herein can be found at <http://www.nar.org>.
6. If a fire burn ban is in effect for Jewell County, Kansas, exhibitors are not required to launch their rocket(s). All requirements for the launching of rockets for the fair and the documentation of the launching are suspended for the duration of the ban.

**B. Exhibit Definitions for ALL rocketry categories**

1. As defined by the National Association of Rocketry (NAR), a scale model is "any model rocket that is a true scale model of an existing or historical guided missile, rocket vehicle, or space vehicle, that has flown under rocket power." The intent of scale modeling is, according to the NAR, "is to produce an accurate, flying replica of a real rocket powered vehicle that is judged for craftsmanship in construction, finish, and flight performance." (NAR Model Rocket Sporting Code" 50.1 4-152.1 <https://www.nar.org/contest-flying/competition-guide/> )
2. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.
3. For the purposes of Kansas 4-H Engineering & Technology a mid-powered rocket is defined as a rocket that uses an 'E', 'F', 'G', or equivalent engine for launch. In addition, rockets also qualify for mid-power if they meet any of the following criteria: a. Are 2 inches or greater in diameter (not including fins) and taller than 3 feet (36 inches including fins) and does not use an engine(s) exceeding 160.01 Newton seconds of total impulse (an 'H' engine equivalent or above). b. The total impulse of all engines used in the rocket is greater than 20.01 Newton seconds and less than 160.01 Newton seconds.
4. For the purposes of Kansas 4-H, a high-powered rocket is defined as a rocket that meets any of the following criteria: a. Weighs more than 3.3125 pounds (53 ounces or 1500 grams) at the time of launch; b. Uses an 'H' engine or larger to launch; c. The total impulse of all engines used in the rocket is greater than 160.01 Newton-seconds of thrust; d. Includes any airframe parts of ductile, metal, though, the use of ductile metal is strongly discouraged; e. Models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g.: i. Average thrust in excess of 80.01 Newtons, ii. Contains in excess of 125 grams of propellant and is limited to only H and I motors, iii. Uses a hybrid motor or a motor designed to emit sparks.
5. High power certification is defined as having successfully completed a certification program for high-powered rocketry through the NAR or Tripoli and maintaining that certification. This applies to all membership levels in the NAR and Tripoli. Specifically the "Formal Participation Procedure" for the "Junior HPR Level 1 Participation Program" as outlined by the NAR and the "Tripoli Mentoring Program (TMP) as outlined by Tripoli.
6. NAR safety codes for launching and construction of all rockets are assumed to be used by all 4-H exhibitors and will be considered during judging.
7. For the purposes of Kansas 4-H, NO rocket may be launched using engines totaling more than an 'I' impulse engine or 640 Newton seconds of total thrust.

**C. Exhibit Rules for ALL rocketry categories:**

Purpose: These rules apply to how rockets are to be displayed at the fair and what those displays should and should not contain. These rules apply to all rockets displayed in the Engineering & Technology division.

1. The report that accompanies the rocket must be limited to the 4-H Rocket Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the rocket stand or rocket. The information form should be signed by the exhibitor. This may be downloaded from <http://rocketry.engtech4ks.com/>. Any rocket exhibit not including this completed envelope will receive a participation ribbon.
2. Plans (or a photocopy) must be placed inside the envelope. a. This includes original design rockets. b. For original design rockets, the exhibitor must provide all necessary details to construct the rocket, require the rocket to be swing tested, and documented to show a stable flight. Failure to test and document flight stability following modifications will result in two ribbon placing deductions. c. If a rocket kit has been modified structurally (Which must provide all necessary details to construct an original design rocket.), notations need to be given indicating the changes made, either by notations on the Rocket Exhibit Information Form or by placing notes in the plans. Such modifications require the rocket to be swing-tested and documented to show a stable flight. Failure to test and document flight stability following modifications will result in two ribbon placing deductions. A different plan scheme, changes/ reduction in decals, and other non-structural changes are not considered modifications and do not need to be documented.
3. One or more photographs of the rocket during construction and at the launch site are required. a. Photographs showing the rocket at the moment of ignition are preferred. b. Photographs must be mounted on one side of 8 ½" x 11" page(s). c. There must be at least 1 page of photos and no more than 5 pages of photos. d. Include at least one photo showing rocket construction, preferably with the exhibitor included. e. Do not include photos of members catching their rockets as they return to Earth. This is an unsafe practice, and we do not recommend or condone this practice. f. Pictures at the launch site are not required in the event of a burn ban.
4. To exhibit in this division: a. The rocket must have been flown unless a burn ban is in effect. b. Support rods must not extend past the tip of the highest nosecone on the model. This reduces the likelihood of eye pokes. c. Support rods must remain in the upright position, 90 degrees to the display base, and do not angle. Support rods may be angled if the rocket itself remains in the upright position, for example, if engine tubes are slanted and the best form of support for the rocket is to use an angled support post. If the rocket is not perpendicular to the display base, the judge should deduct one ribbon placing. The exhibitor's name must be labeled on the the base. d. No model may be submitted on a launchpad.
5. Launches should not be conducted in winds above 20 mph and will constitute disqualification of the rocket exhibit.
6. All rockets must have a safe method of recovery, e.g., parachute, streamer, or tumble recovery. Any rocket without a recovery system will be disqualified.
7. The altitude achieved by the rocket is to be determined using a method other than estimation. Examples of accepted methods include an altimeter, computer software, range finders, etc. If additional space is needed to show calculations of how the altitude was achieved one additional page may be added to the rocketry information pack.
8. Flight damage is to be documented by the participant on either the construction plans an additional sheet of paper titled "flight damage" or the 4-H STEM Rocket Exhibit Information Form.
9. The judging of flight damage is to be secondary to all other aspects of the model and only then may it even be considered. However, under no circumstance may flight damage be grounds for disqualification.
10. Accidental Damage - Any damage to an entry while it is in the custody of the judges, assistant/ superintendents, or extension staff must not be held against the exhibitor. For example, escape towers being knocked off the top of rockets during transport (both the escape tower and rocket may still be judged). Such damage is to be reported and documented.
11. Improvements may be made to the exhibit prior to the State Fair to improve the overall presentation of the exhibit while maintaining the major substance of the exhibit. For example, a cooking entry of a cookie is re-prepared between a county and state fair, most likely using recommendations from the first judging, it's the same recipe just with improved technique.
12. Engines and igniters, under any circumstance, ARE NOT permitted with the exhibit and constitute an immediate disqualification.
13. If an engine becomes stuck, jammed, wedged, or in any other way permanently affixed in or to a rocket and cannot be removed from the rocket, the rocket will be subject to immediate disqualification. This is because it is not possible to make a full and immediate assessment of the safety of the rocket when it is being judged and safety is paramount.
14. Engines may not be used as display stands hollowed out or otherwise. Engines used as a display stand will cause the exhibit to be subject to immediate disqualification.
15. Rocket engines should not be used to join multi-stage rockets together. a. Multi-stage rockets can be displayed without having the stages connected together. In that case, the final stage (the one with the nose cone) should be placed on the display stand and other stages with a loop of string to the display stand. b. The different stages must be included to complete the rocketry exhibit, incomplete exhibits will be deducted at least one ribbon placing. c. Use of any engines to join the stages together will be subject to immediate disqualification.
16. Multi-stage rockets can be flown using just the final stage and be considered fully flown.
17. If a safety violation is noted by the judges, superintendent,

or other staff, the exhibitor's rocket, at the judges' discretion, will receive a participation ribbon. All information necessary will be given to the NAR and/or TRIPOLI for investigation and possible revocation of membership.

#### **D. Construction Rules for All Rockets**

Purpose: These rules apply to how rockets are to be displayed at the fair and what those displays should and should not contain. These rules apply to all rockets displayed in the Engineering & Technology division.

1. Rockets are to be properly assembled according to the assembly instructions.
2. Beginner kits with prefabricated (molded plastic) fin assemblies and pre-finished rockets requiring no painting are not acceptable and will be disqualified. a. This rule does not apply to plastic fins that must be manually aligned and do not utilize a fin alignment mechanism, including, but not limited to fin alignment rings or spacing blocks. b. This rule does not apply to fiberglass, Kevlar, composite, or wood fins; especially when used for "through-the-wall" fin attachment techniques that are common in larger rockets. c. In addition, plastic parts for decorative and mechanical purposes (i.e. decorative nozzles and moving landing struts) are not considered fins and can consist of plastic. Decorative nozzles, etc. need to be securely fastened and not pose a safety hazard. d. Fin assemblies that are printed using a 3D printer are excluded from this rule, though detailed instructions on the creation of the fin assemblies must be provided and an additional page of photos may be included to show the creation/ printing of fin assemblies.
3. Angles of fins must fall within a plus or minus 2-degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from <http://rocketry.engtech4ks.com/>
4. Fins should be rounded or streamlined according to instructions. If the other edges are rounded to reduce drag on all exposed sides, there should be no ribbon deduction, unless instructions indicate to leave flat, or instructions say to round and rounding was not done.
6. Fins and body tubes are to be sealed with filler, sanding sealer, and/or primer to eliminate the appearance of body grooves and wood grain.
7. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
8. Engine mounts are to be securely attached to the body tube.
9. Any seams on plastic parts are to be sanded smooth.
10. Body tubes/airframes/engine mounts can be made from suitable materials, including, but not limited to: reinforced paper, cardboard, phenolic resin, specialized polymer resins, fiberglass, Kevlar, or other suitable structural materials. However, foam may not be used for the external body or other external rocket parts.

11. The nose cone is to fit snugly but still allow for easy removal. If the shock cord frequently becomes stuck between the nosecone and the body, it should be trimmed.
12. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly. The rocket should be free of "runs," "orange peel," or "crackling" in the finish.
13. Non-standard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch-built rockets.
14. Models may not be judged based on their paint scheme (colors and placement on the rocket), with the exception of rockets that fit the definition of a 'scale model.' All other rockets do not have to follow the suggested paint scheme, allowing the 4-H'er to display maximum creativity in the finishing of their rocket. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move a non-scale model from one ribbon placing to another.
15. "Scale models," exhibited in the scale model class may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.
17. Scale Model Rockets, exhibited in the scale model class are to be finished and completed with a majority (greater than 70%) of decals.

#### **E. Model Rocketry Specific Guidelines (ages 9 and up):**

Purpose: Model rockets are generally small-to-medium- sized rockets that can be purchased at hobby stores that an individual(s) builds from parts similar to those found in model rocket kits.

1. Rockets classified as high or mid-powered may not be entered in this category.
2. Each rocket must be able to stand freely by itself or be supported by a solid base, not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base. Rod materials should be sturdy, and not made of flimsy materials, such as coat hangers.
3. If the model rocket is greater than 4 feet tall it can be displayed without a base or displayed parallel to the ground with up to 3 notched blocks not to exceed 4" in height width and depth. The exhibitor's name, county or district, and age must be labeled on the base(s).
4. All exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However, in the event that there is a modification in this code, the Engineering and Technology Project Partnership Team may review and implement the modified code.

#### **F. Original Design Specific Rocket Guidelines (ages 11 and up):**

Purpose: To allow youth to develop their own rockets (model, mid, and high powered) in a safe manner that displays maximum craftsmanship.

1. Original-design rockets cannot be a modification of a pre-existing kit and must be of the original design.
2. Original design rockets must be designed by the exhibitor(s).



3. Original design rockets must include detailed instructions so that someone could construct the originally designed rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey complete construction techniques.
4. Original design rocket instructions should not include copies of instructions in part or in whole from existing kits without crediting the source instructions. For example, "Fin alignment template from Estes Baby Bertha."
5. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are strongly encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.

**Division A** -Exhibitors 9 through 13 years old

**Rocket made from kit.** Include plans.

**Class 1000J** by 7-12 old members

**Class 1000S** by 13 and older members

**Scale Model Rocket** made from kit includes plans.

**Class 1001J** by 7-12 old members

**Class 1001S** by 13 and older members

**Division B** -Exhibitors 11 through 13 years old (9-10 yr olds may not enter this class)

**Rocket designed by exhibitor:** not merely a modification of an existing kit. Include original plans.

**Class 1002J** by 7-12 old members

**Class 1002S** by 13 and older members

**Scale Model Rocket designed by exhibitor:** not merely a modification of an existing kit. Include original plans and stability testing.

**Class 1003J** by 7-12 old members

**Class 1003S** by 13 and older members

**Division C** -Exhibitors 14 years and older

**Rocket made from kit.** Include plans.

**Class 1004S** by 14 and older members

**Rocket designed by exhibitor:** not merely a modification of an existing kit. Include original plans.

**Class 1005S** by 14 and older members

**Scale Model Rocket made from kit.** Include plans.

**Class 1007S** by 14 and older members

**Scale Model Rocket designed by exhibitor:** not merely a modification of an existing kit. Include original plans and stability testing.

**Class 1008S** by 14 and older members

**Division D** -Exhibitors 11 years and older This class is designed to encourage teamwork among individuals and

clubs to work on a rocket from the initial design to the finished product.

**Rocket designed by 2 or more exhibitors:** not merely a modification of an existing kit. Include original plans.

**Class 1009J** by team of 11-12 old members

**Class 1009S** by team of 13 and older members

### **Mid-power Rocketry (2x'D' to 'G' Engines) Guidelines:**

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H mid-power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply.
3. In addition to the information packet completed for all rockets, a high/mid power information form is to be completed and placed inside the information packet. This may be downloaded from <http://rocketry.engtech4ks.com/>
4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
5. The NAR Model Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current year. However, if there is a modification in this code the Engineering and Technology Project Partnership Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. High-power rockets as defined above ('H' or 'I' engines) may not be launched in this division.
8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event, a substitute to a copy of the waiver is the Range Safety Officer's (RSO's) contact information, launch location, and date.
9. Mid-power rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

**Division E** - Exhibitors 14 years and older

**Mid Power Rocket Made from Kit or Original Design**

**Class 1010S** by 14 and older member

### **High Power Rocketry Guidelines**

Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H high-power rockets.

1. Exhibitors must be at least 14 years of age by January 1 of the current year.
2. The rules for ALL categories apply.
3. In addition to the information packet completed for all rockets, a high-power information form is to be completed and placed inside the information packet. This may be downloaded from <http://rocketry.engtech4ks.com/>.
4. Exhibitors in this division must hold memberships in either

NAR or Tripoli organizations.

5. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code the Engineering and Technology Project Partnership Team may review and implement the modified code.
6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
7. For rockets launched using an engine(s) that have 160.1 ('H' engine or equivalent amount of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a level 1 high power certification. The 4-H member should also hold or be attempting to attain their level 1 high power certification and should include supporting documentation of such (a copy of the Level 1 card is sufficient).
8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event, a substitute to a copy of the waiver is the Range Safety Officer's (RSO's) contact information, launch location, and date.
9. High Power Rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

**Division F** - Exhibitors 14 years and older

**High Power Rocket Made from Kit or Original Design Class 1011S** by 14 and older member

**County Class**, not eligible for the state fair.

**Rocket made from kit**, without pre-assembled fin units. Include plans

**Class 1012J** by 7-8 year-old member

**Rocket made from "beginners kit."** Include plans. Rockets in this class may have pre-assembled fin units (plastic). This class is for 7-8 year-old members to explore the rocketry project.

**Class 1013J** by 7-8 year-old member

**Aerospace/Rocketry display, notebook, poster**

**Class 1014J** by 7-12 yr old member

**Class 1014S** by 13 and older member

## **Department 2 Ag Mechanics Welding**

**Enrollment:** 1 jr, 2 sr *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.

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3. Members enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.

4. See page 11: poster, display & notebook criteria.

**Description:** The Ag Mechanics project allows youth to explore areas of ag mechanics welding and metallurgy from repairing or repurposing items to the fabrication of new items. The intent is for this program to start with foundational areas, some of which youth may already have, and allow them to continue to build on this knowledge becoming more experienced.

1. Wheeled exhibits must utilize a braking mechanism that prevents the exhibit from freely rolling while on display.
2. Exhibitors are responsible for providing sufficient braking or "chocks" for trailer exhibits to ensure that the exhibits do not move once positioned. If using a wheel "chocking" mechanism, the two individual blocks should be connected together as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.
3. For trailer exhibits the tongue of the trailer should have a locking mechanism (e.g. padlock) to prevent the trailer from being moved by unauthorized individuals while being displayed. A key for the locking mechanism should be left with the superintendent and labeled with the exhibitor's name, county, and phone number.
4. For exhibits with downward swinging parts, such as tailgates, that could pose a fall/striking/crushing hazard should have a tamper-resistant locking mechanism such as a "zip-tie" or a "cotter-key" through a release pin that would prevent the swinging part from being accidentally released and falling on someone.
5. Each exhibit must be free-standing or sufficiently supported by an exhibitor-supplied support system that is moveable and is part of the total dimensions and weight of the exhibit as described previously. Exhibit display boards should have a portable and moveable base and examples should be firmly affixed to the board to ensure all parts of the display stay together. No exhibits may be staked to the ground for display.
6. Top-heavy items should be braced or placed in a stand sufficient to prevent it from toppling over while on display.
7. Exhibits may not be bound, affixed, or attached to the fair buildings.
8. Painting or spot painting is not allowed on projects after arrival on fairgrounds. If wet paint is detected by the judge or superintendents, one ribbon placing will be deducted.
9. Repair projects having adequate original finish need not be repainted.
10. Cutting surfaces, such as blades or knives, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. Foam "pool noodles" and multiple layers of cardboard are acceptable.
11. Display cases for small exhibits, such as knives, are acceptable and must be easily opened so the item can be removed and examined as part of judging.
12. Exhibits that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument,

possession, or creation, physical and/or electrical that is intended to be used to inflict damage and/or harm to individuals, animal life, and/or property.

13. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and lines should be drained and allowed to dry, to avoid spills and potential fires.
14. Electric-powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch.
15. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a deduction in ribbon placement or a participation ribbon.
16. The exhibitor's name(s) and county or district must be tagged or labeled on the display.
17. Each exhibitor is required to complete the "4-H Ag Mechanics Welding Exhibit Information Form" for each exhibit, except for display boards, which is available through your local K-State Research and Extension office or at <http://welding.engtech4ks.com/>. This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit. All revisions of all forms previously released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.
18. Each exhibit information packet should include the following items: a. Bill of materials for the project with associated costs, scrap items used may be listed as having a \$0.00 cost b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state c. If appropriate schematics or working drawings relating to the creation or repair d. If appropriate operating instructions.

**Introductory** - Level 1 classes (about 1 - 3 years of experience) This level is designed for youth with little to no exposure in the project area so that they can gain an understanding of basic principles and methods in the given area.

**Welding display board** – a 3-foot by 3-foot display board with different pieces of metal attached illustrating different types of welds, each weld being labeled.

**Class 1020J** by 7-12 yr old member

**Class 1020S** by 13 and older member

**Welding ag repair** – repair of ag equipment with welding

**Class 1021J** by 7-12 yr old member

**Class 1021S** by 13 and older member

**Welding ag fabrication** – creation of new ag equipment with welding

**Class 1022J** by 7-12 yr old member

**Class 1022S** by 13 and older member

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**Welding general repair** – repair of non-ag equipment with welding

**Class 1023J** by 7-12 yr old member

**Class 1023S** by 13 and older member

**Welding general fabrication** – creation of non-ag equipment with welding

**Class 1024J** by 7-12 yr old member

**Class 1024S** by 13 and older member

**Welding artistic fabrication** – creation of artistic or interpretive pieces with welding

**Class 1025J** by 7-12 yr old member

**Class 1025S** by 13 and older member

**Brazing repair**

**Class 1026J** by 7-12 yr old member

**Class 1026S** by 13 and older member

**Brazing fabrication**

**Class 1027J** by 7-12 yr old member

**Class 1027S** by 13 and older member

**Smithing display board** – a 3-foot by 3-foot display board with different pieces of forged metal attached illustrating different forms, each form being labeled

**Class 1028J** by 7-12 yr old member

**Class 1028S** by 13 and older member

**Smithing** – A design forged with at least two formed elements (twists or spirals for example)

**Class 1029J** by 7-12 yr old member

**Class 1029S** by 13 and older member

**Ag Mechanics Welding display, notebook, poster**

**Class 1030J** by 7-12 yr old member

**Class 1030S** by 13 and older member

**Department 3      Agronomy** (Crops)

**Enrollment:** 3 jr, 4 sr      *1 jr award & 1 sr award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.

**Description:** 4-H members in the Agronomy (Field Crops) project may exhibit grain, plants, a wheat variety plot display or a weed control exhibit to prepare an educational display representing their project. The purpose of these exhibits is to provide a positive learning experience for youth, evaluating the accomplishments of the members within the project in that particular program year. The crops exhibited at the county fair demonstrate to the public the benefits of the study and application of crop, weed, range, and soil sciences to solving problems in management, conservation, sustainability, and environmental protection.

1. Exhibits should be as mature as possible.
2. Every entry must be identified by hybrid or variety name.

3. Exhibit must be from the most recent harvest.
4. All classes calling for a gallon sample may have a 2 ½ - 3 inch in diameter cylinder placed in a glass gallon container to reduce the amount of grain to about three quarts.
5. Hay samples should be approximately 15'x12'x6'. Maximum thickness of 6" and minimum of 5". Hay samples should be tied with a "T". Wrap the twine horizontally around the hay and tie, then wrap vertically and tie.

**Corn: white &/or yellow**, 10 ears &/or one gallon

**Class 1040J** by 7-12 yr old member

**Class 1040S** by 13 and older member

**Sorghum: hybrid grain** 10 heads, **hybrid forage**, entire plant, no roots, 5" bundle, tied &/or **other forage**, entire plant, no roots, 5" bundle, tied.

**Class 1041J** by 7-12 yr old member

**Class 1041S** by 13 and older member

**Wheat: soft red &/or hard red winter &/or hard white**, one gallon

**Class 1042J** by 7-12 yr old member

**Class 1042S** by 13 and older member

**Sunflowers: confectionery** 3 heads or one-gallon seeds &/or **oilseed** 3 heads &/or **seed**, one-gallon jar

**Class 1043J** by 7-12 yr old member

**Class 1043S** by 13 and older member

**Oats**, one-gallon

**Class 1044J** by 7-12 yr old member

**Class 1044S** by 13 and older member

**Alfalfa**, one gallon &/or tied in 2 directions 6" thick flake, rectangular bale, &/or 10" section cut from a round bale

**Class 1045J** by 7-12 yr old member

**Class 1045S** by 13 and older member

**Barley**, one gallon

**Class 1046J** by 7-12 yr old member

**Class 1046S** by 13 and older member

**Grass Hay** tied in 2 directions: 6" thick flake, rectangular bale, or 10" section cut from a round bale

**Class 1047J** by 7-12 yr old member

**Class 1047S** by 13 and older member

**Brome Grass** one-gallon sample of seed

**Class 1048J** by 7-12 yr old member

**Class 1048S** by 13 and older member

**Other Tame Grasses** one-gallon sample of seed

**Class 1049J** by 7-12 yr old member

**Class 1049S** by 13 and older member

**Soybeans** one-gallon sample seed &/or bundle of five plants

**Class 1050J** by 7-12 yr old member

**Class 1050S** by 13 and older member

**Edible Field Beans**, one-gallon sample seed &/or bundle of 5 plants with roots

**Class 1051J** by 7-12 yr old member

**Class 1051S** by 13 and older member

**Miscellaneous Crops**: one-gallon sample of seed &/or 10 heads

**Class 1052J** by 7-12 yr old member

**Class 1052S** by 13 and older member

**4-H Wheat Variety Plot display**: Exhibitor must be enrolled in the wheat variety plot project. Freestanding display not to exceed overall outside dimensions 36" wide x 36" high x 18" deep (measured on the outside). Care should be taken to select durable materials that will withstand county fair conditions. Displays must not require the use of electricity. If the booth exceeds overall dimensions, ribbon placing will be dropped one place. Members must include the varieties provided in the display but may include more varieties if desired. **70% educational value** (is the main idea of display specific? was the title or theme emphasized? is the idea presented so cleanly, so simply, so forcefully, that it will stop the casual observer? if the passerby stopped, did the display give the observer additional facts in a clear, concise way? example: variety differences in wheat, economic gains from adoption of desirable practices). **30% quality of display materials** (size, style, neatness of lettering, the proportion of models and lettering balanced, workmanship, including handouts, if used, charts, models, and lettering used effectively to teach ideas, colorful, artistic, neat, and well balanced).

**Class 1053J** by 7-12 yr old member

**Class 1053S** by 13 and older member

**Weed Control exhibit**: Collect, identify, press, mount, and label a minimum of 15 weeds. Try to include their roots, stems, leaves, and flowers. Three of the weeds must be noxious weeds preferably found in your home county. A standard 9"x 12" scrapbook may be obtained in which to permanently mount your weed specimens. Identify the scrapbook with your name and county on the inside front cover. Prepare a list of the weeds mounted, showing common name, scientific name, and where it was found. Place the list in a specially identified section of the scrapbook. Collect and identify weed seeds found in crop seeds. Mount them for display purposes. Place them in a specially identified section of the scrapbook. Write a story on "How We Control Weeds on Our Farm" if you live on a farm. Other members write "How We Control Weeds at Home". The story should be about 300 words in length. It must show definite methods used to control weeds. Place the story in a specially identified section of the scrapbook.

**Class 1054J** by 7-12 yr old member

**Class 1054S** by 13 and older member



**Agronomy poster, notebook, display**  
**Class 1055J** by 7-12 yr old member  
**Class 1055S** by 13 and older member

## **Department 4      Astronomy**

**Enrollment:** 0

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Exhibit must relate to project work completed during the current year.

**Description:** The Astronomy exhibit area is designed to provide youth with the opportunity to explore space through telescopes, research, and observation.

1. Telescopes entered may be built from a kit or original design. Pre-finished telescopes which require no construction are not acceptable exhibits.
2. Telescopes are limited to no more than six feet in length, must be placed on a stationary stand that does not allow the telescope to roll and /or fall over, and the stand cannot extend past two feet in length or width.
3. Each exhibit must include a "4-H Astronomy Exhibit Information Form" which is available through your local Extension Office or at <http://astronomy.engtech4ks.com/>. This form must be attached to the outside of a 10"x13" manila envelope. Do not tie the envelope to the exhibit. All revisions of forms previously released for the Engineering & Technology division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. You must also include construction plans (or a photocopy) of the telescope and place it inside the manila envelope.
4. At least two photographs showing telescope construction and operation are required. Photographs should be mounted on one side of an 8½"x11" page. A brief caption should accompany each photograph. Place photos in the 10" x 13" manila envelope. Up to 10 pages of pictures can be included.
5. Telescope must be properly assembled and painted with a smooth and uniform finish.
6. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.

### **Telescope made from Kit**

**Class 1060J** by 7-12 yr old member  
**Class 1060S** by 13 and older member

### **Telescope made from Original Design**

**Class 1061J** by 7-12 yr old member  
**Class 1061S** by 13 and older member

## **Astronomy poster, notebook, display**

**Class 1062J** by 7-12 yr old member  
**Class 1062S** by 13 and older member

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## **Department 5      Building Block**

### **Engineering** (Architectural Block Construction)

**Enrollment:** 8 jr, 1 sr      *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.

**Description:** The BBE exhibit area focuses on using architectural blocks ("Legos") to construct dioramas. This project allows youth to explore architectural design in a three-dimensional space. The intent for this program is to allow youth to explore the construction and gain knowledge through interaction with a common toy.

1. Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep. For state fair – the minimum exhibit dimensions must be at least 6 inches wide and deep.
2. All exhibits are required to be placed in a sturdy see-through enclosure with a top, bottom, and 4 sides. A clear tub turned upside down with the exhibit placed on the lid would be an acceptable enclosure. It may be desirable to place a cutting board or other hard surface between the lid and base plate of the exhibit to make it more sturdy. This is to keep exhibit components from being "scattered to parts unknown" at the fair. The outer dimensions of the enclosure do not count towards the total exhibit dimensions but should not be excessive. The entire exhibit should fit in the display enclosure so the enclosure does not smash into the exhibit during movement.
3. All components used in construction should be dust and hair-free, clean, free of chips, scuffs, cracks, or broken blocks.
4. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake.
5. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®
6. Other components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks, for example marbles for small round objects.
7. The use of existing "store-bought" sets for major architectural elements of the display is not allowed, use of figurines from sets is allowed as is using individual bricks or small sub-assemblies to create something different than the architectural component of the set it came from. For example a car hood or front end from a car kit could be used in a "car museum," just not the entire car. The intent of this is to ensure fairness among exhibitors and encourage maximum creativity instead of just following a set of plans. Exception is County Class Only – Kit.
8. Dioramas should be suitably complex and have multiple elements. For example, a camp site that has a log cabin, a tree fort, and a car.

8. All dioramas should have a story, which is part of the information pack, that describes what is happening in the diorama; this can be as simple (the nursery rhyme “Jack and Jill” for example) or complex as needed to explain to someone looking at the exhibit what is happening.
9. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method.
10. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. For example, merry-go-rounds, doors, elevators, gears, marbles going down a channel, flapping wings, animatronics, etc. If included, judges should be able to use them and instructions should be provided for operation either in the story or on a separate page.
11. Artistic designs, for example recreating paintings like the “Mona Lisa” or “Starry Nights” and sculptures like “David,” are not permitted as exhibits and 1 ribbon placing should be deducted.
12. The exhibitor’s name(s) and county or district must be tagged or labeled on the display. Additionally, the display case should have the exhibitor’s information attached to both the lid and clear container as well, as the case may be separated from the display.
13. Entry of either a packet without an accompanying exhibit or and exhibit without a packet is not a sufficient exhibit.
14. Each exhibitor is required to complete the “4-H Building Block Engineering Exhibit Information Form” which is available through your local K-State Research and Extension office or at <http://blocks.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit. All revisions of forms previously released for the division dated prior to the current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year.
15. Each exhibit information packet should include the following items: a. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state. Final pictures help in determining where a part might go in case something comes loose. b. If appropriate operating instructions for mechanical portions of the diorama.

**Junior** (ages 7-8)

**Class 1070J** by 7-8 yr old member

**Intermediate** (ages 9-13)

**Class 1071J** by 9-12 yr old member

**Class 1071S** by 13 yr old member

**Senior** (ages 14 and up)

**Class 1072S** by 14 and older member

**County Class Only Kit** any item made from a “Lego” kit or other building kit

**Class 1074J** by 7-12 yr old member

**Class 1074S** by 13 and older member

**Building Block Engineering poster, notebook, display**

**Class 1075J** by 7-12 yr old member

**Class 1075S** by 13 and older member

## **Department 6 Civic Engagement** (Citizenship)

**Enrollment:** 5 jr, 3 sr *1 jr award & 1 sr award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Exhibit must relate to project work completed during the current year.

**My Clubs & Groups:** poster, notebook, or display

**Class 1080J** by 7-12 yr old member

**Class 1080S** by 13 and older member

**Public Adventures:** poster, notebook, or display

**Class 1081J** by 7-12 yr old member

**Class 1081S** by 13 and older member

**My Heritage:** poster, notebook, or display

**Class 1082J** by 7-12 yr old member

**Class 1082S** by 13 and older member

**My Government:** poster, notebook, or display

**Class 1083J** by 7-12 yr old member

**Class 1083S** by 13 and older member

**The World Around Me:** poster, notebook, or display

**Class 1084J** by 7-12 yr old member

**Class 1084S** by 13 and older member

**Peoples & Customs of the World:** poster, notebook, or display

**Class 1085J** by 7-12 yr old member

**Class 1085S** by 13 and older member

## **Department 7 Clothing Departments**

### **Sewing and Textile Design**

(formerly Clothing and Textiles - Construction)

**Enrollment:** 6 jr, 4 sr *1 jr. award & 1 sr. award*

**\*NOTE: Sewing & Textile Design senior age is 14+.**

**Description:** This project will teach you the basics, such as sewing a pillowcase or shirt, learning different stitches, or putting in a zipper. Learn to create and sew your own clothing and accessories while exploring the world of fashion and how to take the design of your choice and customize it for the perfect look, color, and fit.

1. All general regulations apply.
2. Entry cards are on a form that is required for each exhibit. Forms will be on the Post Rock website.
3. Members enrolled in this project may exhibit four (4) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.

5. Articles, garments, outfits may have been used/worn but should be carefully laundered or cleaned before being exhibited. Exhibits may be placed in clear plastic bags for protection. Bags will be removed for clothing display purposes. Items should be hung on swivel or wire hangers (no plastic hangers). Multiple-piece exhibits should be fastened together and noted on the card how many pieces make up the exhibit.
6. Optional Identification Labels (sew or use a safety pin, no straight pins may be used to attach these items): a) Type or print on 3" x 2½" piece of cloth: Class Number, County or District, Name and number of pieces in exhibit, ie 1 of 2, 2 of 2. b) Attach labels on the inside of the garment with a safety pin or corner stitches (back of the neck, center back of the waistband, or left end of apron band). Label each piece.
7. Pre-cut kits are acceptable for all clothing classes. All articles/garments must be finished for use.
8. Garments made for animals (i.e. dog, cat) may be exhibited but may not be entered in fashion revue.
9. Bring all patterns used in making an exhibit.
10. An article is an item constructed by hand or machine, including, but not limited to: pincushion, home decorator item (wall hanging, pillow, or curtains), tote bag, travel bag, lingerie case, wearable fiber art to embroidery or appliqué on items made, caps hats, scarf.
11. Exhibits must be displayed at the county fair **and checked in with superintendents by 9:00 a.m. on check-in day.**

#### **Article, garment, outfit**

**Class 1090J** by 7-13 yr old member

**Class 1090S** by 14 and older member

#### **Poster, notebook, display, or work kit**

**Class 1091J** by 7-13 yr old member

**Class 1091S** by 14 and older member

**RECYCLED CLOTHING PROJECT:** An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/ redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. An index card (no larger than 4" x 6") MUST accompany the entry describing the recycled materials and how they were used in the item.

**Class 1092J** by 7-13 yr old member

**Class 1092S** by 14 and older member

### **Shopping in Style**

(formerly Clothing and Textiles - Buymanship)

**Enrollment:** 9 jr, 4 sr (ribbons only, no award or rosettes)

**\*NOTE: Shopping in Style senior age is 14+.**

**Description:** 4-H members will learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping in Style should build on previous year's learning experience. Exhibit one of the following options that align with the 4-H member's Shopping in Style level.

1. All general regulations apply.
2. Entry cards are on a form that is required for each exhibit. Forms will be on the Post Rock website.
3. Members enrolled in this project may exhibit four (4) entries per class completed in the current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Posters can be flat poster board or foam board, no larger than 22" x 28."
6. Tri-fold educational displays must be free-standing and no larger than 36" x 48."
7. Photos of 4-H members in purchased outfits must demonstrate criteria as outlined on the scoresheet. Consider multiple angles, good light, and highlight details so that the judge may accurately evaluate the exhibit.
8. Exhibits should include actual photos of 4-H members in garments, and may also include pictures from magazines or the internet.

**Classes: Exhibit one of the following options that align with the appropriate Shopping in Style level**

**Shopping in Style:** (age 7- 9) Choose one of the following activities from Unit 1 or Unit 2 of the curriculum project manuals. Exhibit should consist of a poster that showcases:  
A. a garment you purchased that reflects your personal style and explains how this garment reflects your style and how it influences what others think of you; OR B. a garment you purchased and explains how your personal style either aligns or contradicts what is considered to be "in style" today. OR C. a garment you purchased and explains or illustrates how this garment is a modern version of a fad or fashion from an earlier decade; OR D. a garment you purchased and explains how this garment reflects a different ethnic or cultural influence; OR E. a garment you purchased and includes a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

**Class 1093J** by 7-9 yr old member

**Shopping in Style:** (age 10-13) Choose one of the following activities from Unit 3 or Unit 4 of the curriculum project manuals. Exhibit should consist of a display that showcases:  
A. an outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn't wear anymore. Explain why the clothing item was not being worn and what you did to transform it into a wearable garment again. OR B. a top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity. OR C. an outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear; OR D. an outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs.

Include your shopping budget and cost per wear. OR E. an outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing /constructing the outfit. Comparison should include a variety of shopping options and/or price tracking at stores over a period of time.

**Class 1094J** by 10-13 yr old member

**Shopping in Style:** (age 14-18) Choose one of the following activities from Unit 5 or Unit 6 of the curriculum project manuals. Exhibit should consist of a display that showcases: A. an outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers; OR B. an outfit you purchased which you have repaired or altered. Include a clothing inventory list that includes cost savings for repaired items as compared to purchasing replacement garments; OR C. an outfit you purchased along with plans and commentary for a fashion show that would capture the attention of an audience. Plans should identify the target audience, venue, theme, budget, and logistical plan for the fashion show; OR D. an outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. The display should also include photos and a list of your assembled clothing first aid kit. Include itemized expenses; OR E. An outfit you purchased, and feature any other completed activity from the Shopping In Style curriculum of your choosing that isn't listed above.

**Class 1095S** by 14 and older member

### **County Class only**

#### **Article, garment, or outfit**

**Class 1096J** by 7-13 yr old member

**Class 1096S** by 14 and older member

#### **Poster, notebook, display, or work kit**

**Class 1097J** by 7-13 yr old member

**Class 1097S** by 14 and older member

## **Fashion Revue**

**Sewing & Textile Design:** 8 jr, 1 sr **1 award**

**Shopping in Style:** 12 jr, 1 sr **1 award**

**\*NOTE: Fashion Revue senior age is 14+.**

**Description:** The Fashion Revue is an educational component of both the Sewing & Textile Design project and the Shopping in Style project. It emphasizes skill development in selecting, constructing or purchasing, accessorizing, and modeling of a garment or garments. Additional skills developed through the Fashion Revue are leadership, self-confidence, poise, good posture, good grooming, and planning.

1. All general regulations apply.

2. **Fashion revue:** members enrolled in Sewing &

Textile Design, Shopping in Style, crochet, knitting, and quilting may compete.

3. Entry cards are on a form that is required for each exhibit. Forms will be in the fair packet and on the Post Rock website
4. Exhibit may have been used/worn, but shall be carefully laundered before being exhibited.
5. Participants should provide a written script at check-in. Scripts should be 4-6 sentences in length. Write it exactly as you want it read during the public revue. Include the member's name and 4-H club somewhere in the first sentence. 90% of the written script should describe the outfit being modeled. Some descriptors may include fabric, colors, patterns, where you will wear the outfit, what you like best, etc. 10% of the written script can include information about hobbies and other info about yourself.
6. Participants may model only what can be worn. Garments cannot be carried. Contestants should use good sense in choosing items that are appropriate to be modeled publicly.
7. For Sewing & Textile Design, the majority of the outfit commonly considered an outer garment (dress, jacket, skirt, pants, coat, etc.) must be constructed by youth, pieces worn with an outfit (blouse, shirt, sweater) can be purchased.
8. For Shopping in Style, the majority of the outfit must be purchased (not borrowed) and modeled by the 4-H member or made by another individual for the 4-H member if the fabric and pattern were chosen by the 4-H member. Everything which is commonly considered an outer garment must be purchased by the 4H member or constructed by another person (vest, jacket, dress, skirt, pants, coat, etc.).
9. Members enrolled in the project may enter four (4) fashion revue exhibits per class.
10. All garments/outfits modeled must also be entered in either Sewing & Textile Design or Shopping in Style classes or wearable outfits entered in a Fiber Arts class.
11. **All written scripts, cost sheets, and entry cards are DUE at the time of check-in before judging.**
12. Exhibitors must sign in 1:00-1:30 p.m. for modeling.
13. Exhibits worn in fashion revue must be displayed at the county fair **and checked in with superintendents by 9:00 a.m. on check-in day at Quonset.**

### **Standards for exhibitor:**

1. to understand and demonstrate a wardrobe plan.
2. to understand how selected garment(s) and accessories enhance their personal/public presentation.
3. to understand the value of this garment/outfit and how it fits into the family's clothing budget.
4. to be able to describe how they have accepted personal responsibility in caring for their garment/outfit.
5. to visually demonstrate personal fitness and grooming and clothing/accessories comfort and safety.
6. to be able to describe how they cared for the garment/outfit and how it fits into their wardrobe plan.



## SCORECARD

### **General appearance & knowledge 70%**

posture, poise, personal grooming, garment condition, fit of the garment, modeling skills, accessories used to create a total look, knowledge of wardrobe plan

### **Construction appearance & life cycle knowledge 30%**

quality of construction, appropriate finishing techniques used, plan for clothing care and life cycle, able to calculate a value per wear

#### **Fashion Revue -Sewing & Textile Design:**

**Class 1098J** revue sewing jr 7-13 years

**Class 1098S** revue sewing sr 14 & older

#### **Fashion Revue -Shopping in Style:**

**Class 1099J** revue shopping jr 7-13 years

**Class 1099S** revue shopping sr 14 and older

#### **Fashion Revue -Other (knitting, crochet, etc.):**

**Class 1100J** revue shopping jr 7-13 years

**Class 1100S** revue shopping sr 14 and older

## **Department 8 Cloverbuds**

**Enrollment:** 6 (pre-4-H age youth) **green participation ribbons ONLY** (no rosette or award)

Cloverbud may display five (5) entries completed during current year per project. **NO livestock can be entered in Cloverbud.**

**Class 1105** cloverbud display item

## **Department 9 Club / Chapter**

Banner /booth /officer books /project display/ /fair theme

**Check-in:** banners 7/9, at the extension office

booth, books, displays 7/11, 7:30 a.m.

one (1) FFA chapter, three (3) 4-H clubs

**1 award: overall officer book**

**Banners: will NOT be displayed at the state fair.**

1. All general regulations apply.

2. 2-sectional entry card is required for each exhibit.

3. One class entry per club/chapter.

4. **Copyrighted material:** see general regulations

**NOTE: may want to incorporate the fair theme.**

#### **Banners must be:**

- A minimum of 12 and maximum of 16 square feet, with a minimum of 3 feet on one side.
- Two (2) dimensional displays, depicting one idea.
- Hung on a dowel, strong enough to support the banner, each end of the dowel must have a chain six inches long, the other end of the chain connects to an "S" hook which will permit the banner to be suspended by the chains on the wire, banners mounted any other way will not be displayed due to technical problems.
- Materials used must be non-flammable and permit the banner to be folded or rolled

without damaging the display; 3-dimensional objects may not be attached to the banner.

- To the front lower left-hand corner, attach a label with club name and county, lettering 2" in height, names of members are optional, water-proof ink prevents smearing and is recommended for the label.

#### **Booths will be:**

- Table against a wall.
- Same judging criteria as banners.

#### **Banner and booth judging criteria:**

- 40% *educational value*
- 20% *appearance*
- 20% *interest and originality*
- 20% *quality of display materials*

**Class 1106 4-H/FFA banner**

**Class 1107 4-H/FFA booth**

**OFFICER NOTEBOOKS:** evaluation based on: neatness, completeness, accuracy of current year's work; see page 11 - notebook, display & poster judging criteria.

**Class 1108 4-H/FFA historian book**

**Class 1109 4-H/FFA project display**

**Class 1110 4-H/FFA project notebook**

**Class 1111 4-H/FFA reporter book**

**Class 1112 4-H/FFA secretary book**

## **Department 10 Communications**

**Enrollment:** 0

**Description:** Youth will learn to interpret verbal and nonverbal information, develop effective public speaking skills, enhance written and spoken communication, defend a point, design a presentation, bring a reading to life and much more!

1. All general regulations apply.

2. 2-sectional entry card is required for each exhibit.

3. Member enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.

4. See page 11: poster, display & notebook criteria.

**Poster, notebook, display**

**Class 1120J** by 7-12 yr old member

**Class 1120S** by 13 and older member

## **Department 11 Computer Science**

**Enrollment:** 1 jr

**1 award**

1. All general regulations apply.

2. 2-sectional entry card is required for each exhibit.

3. Member enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.

4. See page 11: poster, display & notebook criteria.

**Description:** The Kansas 4-H Computer Science System project is designed to allow 4-H members to explore how information is moved from one part of the computer to the other; how information is moved between two or more computer systems (networking); how information is stored; or how information is acted on (programming).

- The actual construction of computer hardware (i.e., building a computer, which would include computer components plugged into a motherboard, discrete

circuitry soldered on a printed circuit board, or wire-wrapped circuitry) will be entered in the Electronics division, except for exhibits entered in Class 1127.

2. If a safety violation is noted by the judge, the exhibitor's exhibit, at the judge's discretion, will be disqualified. A safety violation could include Malware, a virus, or any similar program that potentially is harmful.

### **Exhibit Requirements**

1. All exhibits in the Computer Science division must be entered on a USB drive containing all supporting documents as listed below for each class. A. The USB drive should be included in a manilla folder with the Computer Exhibit Form (found at <http://computers.EngTech4KS.com/> or your local extension office) attached to the front. B. The USB drive should be labeled with the 4-H member's name and county.
2. Source code must be included on the USB drive for all computer programming projects coded by the 4-H member. This could include a .txt file, python file, Scratch URL, etc. Failure to include the source code will result in one ribbon deduction.
3. Each exhibit must include written operating instructions including how to locate, run, and use the project. Operating instructions should be printed and placed in the manilla envelope and included digitally on the USB drive.
4. Each exhibit must be accompanied by a typed requirements document included on the USB drive. A. The requirements document should be started at the beginning of the project. It will include a list of goals and requirements that the 4-H member wants to include or achieve in their final project. B. The project requirements section is formatted as a checklist, with the 4-Her checking off what they accomplished and making adjustments throughout their work on the project as needed. C. Flow charts, designs, or other diagrams may be included for computer programs to show the logical flow of the program as needed.
5. For coded computer programs, screenshots of the program will be printed for display at the fair.
6. All electric components of micro controlled devices must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.

**Computer Program, Application, App, Script, or Coded System** that is new and unique (not merely a file run in a program, such as a 'word document' or a picture drawn in 'Microsoft Paint'.

**Class 1125J** by 7-12 yr old member

**Class 1125S** by 13 and older member

**Coded Website** built entirely by the 4-H member (not using a pre-made template generator such as Wix or Squarespace). Items in this class could be coded in

HTML, CSS, Javascript, WordPress, or other web-based programming languages or platforms.

**Class 1126J** by 7-12 yr old member

**Class 1126S** by 13 and older member

**Microcontroller or Microcomputer Application** a small circuit board that is programmed to accomplish a specific task (projects built and programmed using Raspberry Pi, Arduino, etc.)

**Class 1127J** by 7-12 yr old member

**Class 1127S** by 13 and older member

**Computer Science poster, notebook, display**

**Class 1130J** by 7-12 yr old member

**Class 1130S** by 13 and older member

## **Department 12 Dogs**

**Judging: Saturday, June 14 in Osborne, KS at Post Rock District Dog Show except educational exhibits judged on Friday, July 11 in Quonset.**

**Enrollment:** 2 jr, 1 sr

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit five (5) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Exhibit must relate to project work completed during the current year.

**Poster, Display, or Notebook**

**Class 1135J** by 7-12 yr old member

**Class 1135S** by 13 and older member

## **Department 13 Electric & Renewable**

**Energy** (formerly Energy Management)

**Enrollment:** 2 jr, 2 sr **1 award**

**Description:** In the Electric & Renewable Energy Division you will have the opportunity to explore the project areas and share what you have learned.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Each Electronics & Renewable Energy exhibit must include a "4-H Electronics & Renewable Energy Information Form" which is available through your local Extension Office or at <http://electric.EngTech4KS.com/>. This form must be attached to the outside of a 10"x13" manila envelope. Youth must also include a wiring diagram or schematic. Place them inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
6. Items that have been in use should be cleaned for exhibit.
7. A sheet of operation instructions must be furnished and included in the manila envelope for any exhibit that is not self-explanatory.
8. Electric exhibits must be operable using only 110 or 120V

AC or Battery power. If battery power is required, batteries must be furnished.

9. Any project with a complexity of the size of electronics must have (a) instructions for assembly and use and (b) equipment available at the time of judging for actual testing of the exhibit.
10. No hand-dipped solder may be used on exhibits.

## **ELECTRICAL/ELECTRONICS**

**AC Electric Projects:** Electric projects with a 110 or 120 V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliances, extension cords, trouble lights, indoor or outdoor wiring boards, or shop lights. Projects may be a restoration or original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V, no 240 V exhibits are allowed, and must be constructed such that the judges have wiring access to examine the quality and safety of workmanship.

**Class 1140J** by 7-12 yr old member

**Class 1140S** by 13 and older member

**DC Electric Projects:** Electric projects with a battery or direct current (DC) power source. This class includes electric kits or original projects. This class also includes demonstration DC-powered projects. Examples include wiring two or three-way switches, the difference between series/parallel lighting circuits, or wiring doorbells switches. All DC electric projects must include batteries supplied by 4-H'er. Projects must be constructed so that the judges have access to examine the quality of wiring workmanship.

**Class 1141J** by 7-12 yr old member

**Class 1141S** by 13 and older member

**Electronics Projects:** Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using a printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed so that the judges have access to examine the quality of wiring workmanship.

**Class 1142J** by 7-12 yr old member

**Class 1142S** by 13 and older member

**Newly Built or Repaired Computers:** This class is for newly built or repaired computers (laptop or PC) and allows 4-H members to demonstrate skills integrating the various parts of a computer into a single unit. Displays should show either a fully functional computer or show what the individual components do. The display should be free of dust and cabled neatly. Fully functional computers should boot up and do not need to include a monitor, keyboard, or mouse at the fair.

**Class 1143J** by 7-12 yr old member

**Class 1143S** by 13 and older member

**Educational Displays and Exhibits:** The purpose of the educational display and exhibit is to educate the viewer about a specific area of the 4-H electrical or electronics project. The display or exhibit should illustrate one basic idea. This class includes any educational displays, exhibits, or science fair projects which DO NOT have a power source, i.e. exhibits, posters, or displays of wire types, conduit types, electrical safety, tool or motor parts identification, or electrical terminology. Educational displays and exhibits must be legible from a distance of four feet, using a maximum tri-fold size of 3' x 4'.

**Class 1144J** by 7-12 yr old member

**Class 1144S** by 13 and older member

**ALTERNATIVE ENERGY** (A form of energy derived from a natural source, such as the sun, geothermal, wind, tides, or waves.) All exhibits in this division are limited in size to standard, tri-fold display boards (36"x 48"), and items may not extend beyond 12" from the backboard. All displays must be self-standing.

**Educational Display:** Create an exhibit that addresses a focused topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.

**Class 1145J** by 7-12 yr old member

**Class 1145S** by 13 and older member

**Experiment:** Display an experiment addressing a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions, and recommendations for future study.

**Class 1146J** by 7-12 yr old member

**Class 1146S** by 13 and older member

## **Department 14 Entomology**

**Enrollment:** 0

**Description:** If you've ever chased butterflies, caught a ladybug for a closer look, or planted a pollinator garden, the entomology project may be a great fit. You'll learn the anatomy of insects; the importance of pollinators, make an insect net; and possibly create an insect collection. Later, you'll study how insects move, learn about insecticides and explore insect behavior.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit collection and/ or educational exhibit (maximum size 2' x 3') in each entomology phase. See page 11: poster, display & notebook criteria.
4. All entries should be submitted in an 18 x 24 x 3.5-inch wooden display box with a clear plastic top (such as Plexiglas). Boxes can be handmade or purchased as long as they are of the correct size.
5. 4-H members may choose to use one of two taxonomies:

Option A: As printed in "Insects in Kansas" book, or  
Option B: which follows [www.bugguide.net](http://www.bugguide.net)

6. Each exhibitor is required to identify each box with two identification labels bearing the exhibitor's name, county, or district, the collection class 4-H'er is enrolled in and the statement of taxonomy used. One label goes in the upper left corner of the box (inside) and the other in the lower right corner of the box (outside). Arrange specimens in the box so the box can be displayed lengthwise.
7. The number of orders, specimens (and families where required) must be included on both of the exhibitor's box identification labels. Only one adult insect per species can be used in the Collection Boxes and Notebook Classes unless labeled as male or female and correctly identified.
8. Arrange specimens in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then Family where required.
9. Two labels should be centered on the pin beneath each specimen. The first (closest to the specimen) is the common name label and the second label should include date/locality. Full county name and state abbreviation should be on the second label. Collector's name (or host) on the date/locality label is optional.
10. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Please refer to "Entomology Collection Exhibit Resource" for full details on out-of-state insects in collections.
11. Only specimens of the class Insecta should be included.
12. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
13. Specimens of soft-bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol-filled vials; however, the use of alcohol-filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.
14. After the first year in Entomology, all 4-H members need to add an 8 ½ by 11-inch sheet of paper to their collection that states what they did to improve their collection for the current year. This should include how many new insects were added to the display box (please list), how many insects were replaced in the display box (please list), and number of new orders and /or families were added to the display box. Other optional things that could be included are number of insects caught for the year, number of new Orders added this year, number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be taped to the upper left corner on the front of your display box.

15. The following insects are listed as Threatened or Endangered by the Fish and Wildlife Service. Because of this, no specimens of the below species may be caught or displayed in insect collections or educational displays. If specimens of these species are included in collections or educational displays, it will be counted as a major violation. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Listed Insects: American Burying Beetle, Monarch Butterfly, Eastern Regal Fritillary Butterfly, Western Regal Fritillary Butterfly, and Great Spangled Fritillary.

### **Beginning Entomology I** **Class 1150 Collection.**

Display in one standard box a minimum of 50 and a maximum of 125 species representing at least 7 orders. Follow the guidelines listed for collections. Members can exhibit in this class for a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first, and then they must move up a division.

### **Beginning Entomology II** **Class 1151 Collection.**

Display in one standard box a minimum of 75 and a maximum of 150 species representing at least 9 orders. Follow the general guidelines listed for collections. Members can exhibit in this class for a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first, and then they must move up a division.

### **Intermediate Entomology** **Class 1152 Collection.**

Display a minimum of 100 and a maximum of 300 species representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging) a) "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or b) "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net) - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera Members can exhibit in this class for a maximum of 3 years. A 4-H member must move up if they receive a purple ribbon at the Kansas State Fair.

### **Advanced Entomology** **Class 1153 Collection.**

Display a minimum of 150 and a maximum of 450 species representing at least 12 orders. Three standard boxes can be used. Follow the general guidelines listed for collections. Family identification is required for all insects belonging to the six basic orders as outlined under the intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class at the Kansas State Fair for an unrestricted number of years as long as they remain eligible for 4-H membership.



## Entomology Notebooks

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. 4-H members who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning 1 Phase of Entomology Notebooks, not the introductory phase.
3. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitors name, county, or district and class 4-H'er is enrolled in and statement of taxonomy used: Option A: "Insects in Kansas" book or Option B: which follows [www.bugguide.net](http://www.bugguide.net) The number of orders, specimens, and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
4. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.
5. Date, common name, full county name, and state abbreviation should be included for each species. The collector's name on the specimen page is optional.
6. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
7. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus of 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.
8. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page as well on the front of the divider page.
9. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
10. After the first year in Entomology, all 4-H members need to add an 8 ½ by 11-inch sheet of paper to their Photo Collection Notebook that states what they did to improve their collection for the current year. This should include how many new photo pages were added to the notebook (please list), how many insect photo pages were replaced in the notebook (please list), and number of new orders and /or families were added to the notebook. Other optional things that could be included are number of insects photographed for the year, number of new Orders added this year, number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be placed right behind the Title Page in your notebook.
11. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.
12. A minimum of 10 photo pages of new species must be added and /or replaced each year.

**Class 1154 Introductory Entomology Notebook:** Display a minimum of 10 and a maximum of 30 insect species representing at least six different orders. Follow the general guidelines listed for Notebooks, including the Special Project. A 4-Her may exhibit in this class for a maximum of two years.

**Class 1155 Beginning Entomology Notebook:** Display a minimum of 20 and a maximum of 60 insect species representing at least seven different orders. Follow the general guidelines listed for Notebooks, including the Special Project. A 4-Her may exhibit in this class for a maximum of three years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

**Class 1156 Intermediate Entomology Notebook:** Display a minimum of 60 and a maximum of 100 insect species representing at least nine orders. Follow the general guidelines listed for Notebooks, including the Special Project. In addition, family identification is required for all insects in any two of the following six orders: a) "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Diptera, and/or Hymenoptera or b) "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net) - Orthoptera, Hemiptera, Odonata, Coleoptera, Diptera, and/or Hymenoptera. A 4-Her may exhibit in this class for a maximum of three years. A 4-Her may move up if they receive a purple ribbon.

**Class 1157 Advanced Entomology Notebook:** Display a minimum of 100 and a maximum of 200 insect species representing at least twelve orders. Follow the general guidelines listed for Notebooks, including the Special Project. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

## Educational Display Classes

1. Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into the Entomology Collection or notebook classes above.
2. Follow copyright laws as explained in the General Rules.
3. The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for the duration of the fair), programs, website, games, apps, display box, notebook, display, or poster which you have made.
4. If the exhibit is a wooden display box, it must be 18"x24"x 3½" with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" X 28". If the exhibit is a display, the maximum size is not to exceed a standard commercial 3'X4' tri-fold display board.
5. Name and county/district must clearly be marked on

educational exhibits.

6. Refer to Entomology General Rule # 15 for information on Threatened and Endangered Species specimens that cannot be displayed in Educational Exhibits.

**Class 1158 Beginning Educational Display:** Class for individuals who are exhibiting in the Beginning I and II Collection or Beginning Notebook Classes. If only exhibiting in this category, then ages 7-12.

**Class 1159 Intermediate Educational Display:** Class for individuals who are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14.

**Class 1160 Advanced Educational Display:** Class for individuals who are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older.

#### **Monarch Butterfly Educational Display Rules:**

Monarch Butterflies were officially put on the Endangered Species list on July 21, 2022. Having the specific name *Danatus plexippus*, this migratory butterfly is well known for its spectacular annual journey of up to 3,000 miles across the Americas. It is now threatened with extinction due to habitat loss and climate change. 4-Haers can play a critical role in helping bring habitat back for the Monarch Butterfly. They can help educate the public on ways to establish food sanctuaries for this butterfly species and help bring them back from the threat of extinction.

1. Exhibits should teach the public about the Monarch Butterfly and/or ways to protect and conserve it. The information could show nectar sources for adult butterflies and food sources for caterpillars, Monarch tagging activities, collection of native milkweed and the packaging it to give to others to plant, a group working together to plant a Monarch-friendly garden, etc.

2. 4-Hers may create a poster, notebook, standard-size tri-fold diorama, slide show, or other visual display that shows information on Monarch Butterflies. If a slide show is created, it should be presented on a zip drive along with a printed copy of the presentation.

#### **Class 1161 Monarch Butterfly Educational Display**

*County Fair class only*

#### **Explore Entomology**

**Class 1162J** by 7-12 yr old member

**Class 1162S** by 13 and older member

### **Department 15 Environmental Sciences**

**Enrollment:** 1 jr, 1 sr *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.

4. See page 11: poster, display & notebook criteria.

#### **Poster, Display, or Notebook**

**Class 1165J** by 7-12 yr old member

**Class 1165S** by 13 and older member

### **Department 16 Family Studies**

**Enrollment:** 1 sr *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.

#### **Poster, Display, or Notebook**

**Class 1170J** by 7-12 yr old member

**Class 1170S** by 13 and older member

### **Department 17 Fiber Arts**

**Enrollment:** 5 jr, 4 sr *1 jr award & 1 sr award*

**Project phases:** crochet, ethnic arts, knitting, macramé, needle arts, patchwork/quilting, rug making, spinning, weaving

**Description:** Fiber arts is defined as any method of creating a unique design with fiber, fabric, or yarn. This may include making fabric (such as weaving, crochet, knitting, needlepoint), or when the existing fabric is changed into something quite different (such as quilting or embroidery or ethnic arts) Ethnic Fiber Arts should use a fiber, yarn, or fabric to create the design exhibit. Non-textile (examples include wood, reed, straw, grass, etc.) baskets/pieces should be entered in the Visual Arts Division.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit eight (8) entries per class in each area enrolled.
4. See page 11: poster, display & notebook criteria.
5. Exhibits must be made during the current project year.
6. Exhibit may be an article, notebook, poster, or display exhibit.
7. Optional Identification Label: a) Type or print on a 3" x 21/2" piece of cloth: class number, county or district, and exhibitor's name. b) Sew or safety pin this ID label on the corner of flat articles; c) For garments, attach ID label to the front left shoulder seam, or left side of the waistband as if you were wearing the garments.
8. All articles/garments must be finished for use.
9. When articles, which are normally worn as a pair, are exhibited, both articles must be shown together. Fasten articles together securely with yarn.
10. Special consideration will be given to articles, which are of the original design. Such articles should have a note attached explaining the original design.
11. When the exhibit is a sewn garment that also includes one or more Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant.
12. All exhibits which need to be hung, MUST have the appropriate saw tooth hanger, rod, wire, or other

mechanism attached in order to be properly displayed. If necessary hardware is not attached, it may not be displayed.

- 13.** Crocheted and knitted articles may be entered and judged in the Fashion Revue competition if wearable.

**CROCHET:** an article, including felted items

**Class 1175J** made by 7-12 yr old member

**Class 1175S** made by 13 and older member

**EDUCATIONAL NOTEBOOK:** Share with others what you learned in this project about a particular Fiber Art. Exhibits should be in the form of a notebook or binder.

The notebook should include a narrative section describing the fiber art. It should include a clear description of the project, technique, budget, supplies, goals, successes, accomplishments, failures, and future plans. It may include samples of techniques, how-to's, photographs of completed projects, or other ways of educating others about fiber arts. **NOTE:** A collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook.

**Copyrighted material:** see general regulations. Name, local unit, and fiber art covered must be clearly marked in the notebook.

**Class 1176J** made by 7-12 yr old member

**Class 1176S** made by 13 and older member

**ETHNIC ARTS:** an article. This is defined as a Fiber Art technique that is associated with a specific country or culture. It is a practical skill that was developed to provide basic family needs such as apparel, home furnishings or decorations. It is also defined as a method that has been maintained throughout history and passed on to others, often by observation and by example, such as batik, Swedish huck towel weaving, mud cloth, bobbin weaving, tatting, felted items that are not knitted or crocheted, etc. Members should attach information on the history of the ethnic fiber art, where it was used, by whom, how it was used, a short description of the technique, etc.

**Class 1177J** made by 7-12 yr old member

**Class 1177S** made by 13 and older member

**KNITTING:** an article made either by hand or by knitting machine, including felted items

**Class 1178J** made by 7-12 yr old member

**Class 1178S** made by 13 and older member

**MACRAME:** an article

**Class 1179J** made by 7-12 yr old member

**Class 1179S** made by 13 and older member

**NEEDLE ARTS:** An article created by hand, using any of the following techniques: embroidery, cross-stitch, needlepoint, candle wicking, crewel, lacework, appliqué.

**Class 1180J** made by 7-12 yr old member

**Class 1180S** made by 13 and older member

**PATCHWORK/QUILTING:** It is an acceptable practice for exhibitors to create the patchwork or quilted article and have someone else quilt it.

**Class 1181J** made by 7-12 yr old member

**Class 1181S** made by 13 and older member

**Best Use of Color & Design Award:** Judge's choice for one quilt. Winner will receive a certificate from Solomon Valley Quilt Guild.

**RUG MAKING:** A rug, acceptable techniques include braiding, latch hook, tying, floor cloth, etc. The finished product should be an item that would be an item used in the home.

**Class 1182J** by 7-12 yr old member

**Class 1182S** by 13 and older member

**SPINNING:** a skein - minimum 10 yards in length

**Class 1183J** made by 7-12 yr old member

**Class 1183S** made by 13 and older member

**WEAVING:** A woven article, members should attach information about the type of loom or process used. (see #10 above).

**Class 1184J** made by 7-12 yr old member

**Class 1184S** made by 13 and older member

## **Department 18 Foods & Nutrition**

**Preservation:** 3 jr

**1 award**

**Preparation:** 12 jr, 7 sr

**1 jr award & 1 sr award**

**Exhibitors - please bring 3 extra of smaller items**

**There will be a BAKE SALE this year.**

**Description:** In this project, you will have fun learning how to cook the basics and then advance to gourmet and international meals. Develop baking skills, learn about food preservation, explore the heritage of many foods, and understand consumer buying skills. Learn how to make healthy snacks and modify recipes to fit a healthy lifestyle.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in the current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Purple ribbon exhibits are held until judging is completed and the rosette winner selected.

**NOTE: No perishable food will be judged.**

### **Food Preparation Rules:**

- a. Complete recipes with ingredients and instructions must be attached with the entry, or the placing will be lowered one ribbon when judged.
- b. For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. The calculation must be attached to entry, or the placing will be lowered one ribbon when judged. Frosting and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are included in the publication located at: <https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>. A

worksheet is available at:

[https://bookstore.ksre.ksu.edu/item/frosting-and-fillings-worksheet\\_4H1171](https://bookstore.ksre.ksu.edu/item/frosting-and-fillings-worksheet_4H1171).

- c. For food safety purposes, any food with custard and dairy-based fillings or frostings (ex. Cream cheese regardless of sugar content), raw eggs, flavored oils, “canned” bread or bread/cakes in a jar, cut fresh fruit, or any food requiring refrigeration (ex. Bacon) or unbaked exhibit with raw flour (ex. No Bake Cookies) will be disqualified and not judged.
- d. Alcohol (ex. wine, beer, and hard liquor) is not allowed as an ingredient in food entries or entry will be disqualified and not be judged.
- e. All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 3 cookies, 3 muffins, 3 breadsticks, 1 loaf of bread, etc.
- f. Under-baked entries will be lowered one or more ribbon placings.
- g. All un-frosted cakes should be exhibited in an upright position with crust showing, except for cakes made with special designs such as Bundt cakes which should have top crust side down.
- h. Any baked product that can be removed from the pan should be placed on paper plates, cardboard, or disposable containers of appropriate size for the exhibit.
- i. Exhibits should be in food-grade plastic bags, disposable plastic containers, or boxes of appropriate size for the exhibit. Only the exhibit is judged. The container is not judged.
- j. A photo of each youth will be taken at pre-fair judging and used for a fair display with the entry card, recipe and ribbon.
- k. All food preparation entries will be sold. (**Extra small items appreciated for food sale (please label items.)**)

#### **Non-Perishable Food**

**Class 1190J** by 7-12 yr old member

**Class 1190S** by 13 and older member

**Table Setting with Menu** (on 4"x 6" card: write menu to be served with table setting) criteria: menu selection, appropriateness of place setting. Bring your own card table.

**Class 1191J** by 7-12 yr old member

**Class 1191S** by 13 and older member

**Favorite Food with Menu** (on 3"x5" card: write the menu and a short description of occasion) *criteria:* appropriateness of menu for the occasion, how well food fits the menu, serving appearance of food.

**Class 1192J** by 7-12 yr old member

**Class 1192S** by 13 and older member

**Food Gift Package:** No alcoholic beverages will be accepted. A food gift package must contain at least 3 different food items (prepared for human consumption), made by the 4-H member, in a suitable container no

larger than 18"x18"x18". Prepared food items must have recipes attached to the entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the gift basket. On the back of the entry card, answer these questions: *a) what is the intended use; b) what food safety precautions were taken during and after preparation?* This entry will count as a non-perishable food product, not as an educational exhibit. Home-canned foods must follow Food Preservation rules. Canning jars should not be used for baking per the manufacturer's instructions. They could break during baking.

**Class 1193J** by 7-12 yr old member

**Class 1193S** by 13 and older member

**Educational Exhibit** Exhibits may be in the form of a poster, notebook, or display. **Copyrighted material:** see general regulations rule 12, page 9. Follow these regulations as you are preparing your exhibit. Take care to select materials that will withstand fair conditions. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22" x 28". Displays are not to exceed a standard commercial 3' x 4' trifold display board. Name and county or district must be clearly marked on educational exhibits. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an educational exhibit.

**Class 1194J** by 7-12 yr old member

**Class 1194S** by 13 and older member

#### **Miscellaneous Food (decorative or unique)**

**Class 1195J** by 7-12 yr old member

**Class 1195S** by 13 and older member

#### **Cut-up Cake** (county class only)

**Class 1196J** by 7-12 yr old member

**Class 1196S** by 13 and older member

#### **Decorated Cake** (county class only)

**Class 1197J** by 7-12 yr old member

**Class 1197S** by 13 and older member

**Foods Preservation Description:** In this project, you will have fun learning how to cook the basics and then advance to gourmet and international meals. Develop baking skills, learn about food preservation, explore the heritage of many foods, and understand consumer buying skills. Learn how to make healthy snacks and modify recipes to fit a healthy lifestyle.

#### **Food Preservation Rules:**

- Exhibit must have been preserved since the member's previous year's county fair, and not have been exhibited at the previous county or state fairs.
- Recipes and processing methods from the sources below are recommended. Recipes must be from current, tested resources listed below **AND MUST BE ADJUSTED FOR ALTITUDE based on your processing location, or it will be disqualified.** Processing methods that will be disqualified include open kettle canning, oven canning, sun canning, and using electric multi-cookers. If using the Presto Precise Digital Pressure Canner, please indicate the appliance is used for either water bath or



pressure canning. Untested recipes will be disqualified for food safety reasons. Tested recipe resources include K-State Research & Extension Food Preservation publications; other University Extension Food Preservation publications; USDA *Complete Guide to Home Canning @2015; So Easy to Preserve, 6<sup>th</sup> Edition, The University of Georgia Cooperative Extension Service; Ball Blue Book Guide to Preserving, Edition 38; Ball Complete Book of Home Preserving, @ 2024; canning mixes (i.e. Mrs. Wage's, Ball); Pectin manufacturers (i.e. Sure-Jell, Ball); KSRE Rapid Response Center Recipes; National Center for Home Food Preservation (<https://nchfp.uga.edu/>) and Ball and Kerr.*

- c. Alcohol is not allowed as an ingredient in food preservation entries or entry will be disqualified and not be judged.
- d. There are no safe recommendations to can white peaches or elderberries.
- e. Each exhibit must have the complete recipe and instructions attached to the entry card, or it will be disqualified. Recipe must include exhibitor name, recipe source, date of publication, and altitude where food was processed. If using Mrs. Wage's or Ball mixes, indicate the date the mix was purchased.
- f. Exhibit must be processed in clean, clear standard canning jars, with matching brand (ex: use Ball lids on Ball jars, or Kerr lids on Kerr jars) two-piece lids. Do not use colored jars, fancy padded lids, fabric over-wraps, or cozies as they interfere with the judging process. No fancy packs unless the recipe states to do so (ex: Pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe (ex: Salsa is canned in pint jars only, no quarts). Note: there are now 12-ounce, 24-ounce, and 28-ounce canning jars available and may be used. Use pint jar process recommendations for 12-ounce jars. Use quart jar process recommendations for 24-ounce and 28-ounce jars.
- g. Each jar exhibited must be labeled. The label must not cover the brand name of the jar. The label must give: class #, product, the altitude where processed, canning method (water bath, weighted gauge or dial gauge pressure method), process time, pressure (psi), date processed including month and year, name, and county/district. You may need to make a label using an adhesive mailing label. Label templates may be found at: [http://www.kansas4h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods\\_Label.pdf](http://www.kansas4h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf) (labels available from extension office).
- h. Hole punch the entry card and use a rubber band to attach the two sectional entry form around the top of the jar.

- i. If a dried food product is not in a canning jar, it will be lowered one ribbon rating. Suggested amount: 1/3-1/2 cup, or three or four pieces per exhibit. Dried products must include the recipe, preparation steps, and heating instructions.
- j. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in "Dry Meat Safely at Home" [www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf](http://www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf).
- k. One jar per entry; no colored jars. No food preservation in food sale.

### **Sweet Spreads, Syrups**

(jams, jellies, butters, marmalades, syrups; fruit and/or vegetables)

**Class 1200J** by 7-12 yr old member

**Class 1200S** by 13 and older member

### **Fruits, Juices**

(fruit mixtures: salsa, pie filling, etc.)

**Class 1201J** by 7-12 yr old member

**Class 1201S** by 13 and older member

### **Low Acid Vegetable**

(green beans, corn, etc or vegetable mixtures)

**Class 1202J** by 7-12 yr old member

**Class 1202S** by 13 and older member

### **Pickles and Relishes**

(fruit or vegetable, fermented foods, chutney)

**Class 1203J** by 7-12 yr old member

**Class 1203S** by 13 and older member

### **Tomato/Tomato Products**

(tomato juice and tomato salsas)(Salsa in pint jars only, no quart jars.)

**Class 1204J** by 7-12 yr old member

**Class 1204S** by 13 and older member

### **Meats**

**Class 1205J** by 7-12 yr old member

**Class 1205S** by 13 and older member

### **Dried Foods**

**Class 1206J** by 7-12 yr old member

**Class 1206S** by 13 and older member

## **Department 19 Forestry**

**Enrollment:** 1 jr.

**1 award**

**Description:** Learn to identify trees, determine differences between trees and shrubs, learn about different trees and tree parts, graft a bud to a living tree, discover health benefits of trees, investigate forest changes and learn about forest health and learn forest conservation techniques.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. All leaf exhibits are to be mounted on 8½"x11"heavy

stock paper and placed in loose-leaf binders (magnetic or adhesive filler sheets for photographic prints or sheet protectors are recommended), twig and fruit collections may be exhibited in whatever manner you choose. Maximum tri fold size is 3'x4'. Resources for exhibiting are located on the Kansas 4-H forestry project page: <https://www.kansas4-h.org/projects/agriculture-and-natural-resources/plant-sciences/forestry.html>

4. Name, club, age, and year in the project should be on the front cover or in a prominent location.
5. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include the proper common name as listed in the 4-H Bulletin 334 *List of Native Kansas Forest Trees*, <https://www.bookstore.ksre.ksu.edu/pubs/4H334.pdf>; Scientific Name, location (city and/or county) where collected; and date (day, month, year) or (month, day, year) collected.
6. Divide specimens into the following two sections: Native Kansas Trees, and Non-Native Trees. <https://www.bookstore.ksre.ksu.edu/pubs/4H334.pdf>
7. New specimens are those specimens collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
8. Group specimens according to the years collected (ex: "old-previous years" and "new").
9. Variations of varieties do not count as different species or specimens.
10. When replacing previously displayed samples, due to degradation, improper mounting, or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens; replacements should be displayed in the "old previous" section of the display.
11. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
12. In all leaf collections, exhibit one complete leaf where possible. If a leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A "leaflet" is incorrect when displayed as the complete leaf for the tree.
13. All work must show originality; leaf collections and displays should not closely resemble work done by others in the same club.

#### **Knowing Trees As Individuals (Leaf Collections)**

##### **Forestry Collection:** Choose either A or B

**A.** Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees, or **B.** Exhibit a minimum of 5 native Kansas trees showing leaf, twig, and fruit from each species collected.

**Class 1210J** by 7-12 yr old member

**Class 1210S** by 13 and older member

##### **Forestry Collection:** Choose either A or B

**A.** Exhibit a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native in addition to the required number of leaf specimens collected from native Kansas trees, or **B.** Exhibit a minimum of 10 native Kansas trees showing leaf, twig, and fruit from each species collected. This exhibit must include 5 new leaf, twig, and fruit specimens.

**Class 1211J** by 7-12 yr old member

**Class 1211S** by 13 and older member

##### **Forestry Collection:** Choose either A or B

**A.** Exhibit a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native KS trees or **B.** Exhibit a minimum of 15 native trees showing leaf, twig, and fruit from each species collected. The exhibit must include 5 new leaf, twig, & fruit specimens.

**Class 1212J** by 7-12 yr old member

**Class 1212S** by 13 and older member

##### **Forestry Collection:** Choose either A or B

**A.** Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees, or **B.** Exhibit a minimum of 20 native Kansas trees showing leaf, twig, and fruit from each species collected. Exhibit must include 10 new leaf, twig, and fruit specimens.

**Class 1213J** by 7-12 yr old member

**Class 1213S** by 13 and older member

**How a Tree Grows Notebook:** Entry may include a project notebook with 10 or more seeds collected with pictures showing a germination study or a mounting of a thin section of the wood cut from the end of a log or top of stump labeled with information such as kind of wood and age of tree when cut or exhibit an illustration of how trees grow.

**Class 1214J** by 7-12 yr old member

**Class 1214S** by 13 and older member

**Tree Appreciation Notebook:** Entry may include a research or reporting notebook with no more than 10 pages based on the exhibitor's selected tree. Exhibit must be a different species of tree each year. This notebook may include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected.

**Class 1215J** by 7-12 yr old member

**Class 1215S** by 13 and older member

**Growing & Protecting Trees Display/Notebook:** Entry requires a display or project notebook telling about project and pictures before, during, and after planting seedlings, a container tree, or a balled and burlapped tree.

**Class 1216J** by 7-12 yr old member

**Class 1216S** by 13 and older member

**Tree Culture Display/Notebook:** Entry requires a display or project notebook showing your project work, including

pictures of before, during, and after wood lot improvement.

**Class 1217J** by 7-12 yr old member

**Class 1217S** by 13 and older member

**How Forests Serve Us:** Entry may include collected wood samples (all or partial) and 2-page essay. Wood sample display to be mounted on poster board or any stiff material no larger than 3' wide x 4' high. Essay should be displayed in a covered binder.

**Class 1218J** by 7-12 yr old member

**Class 1218S** by 13 and older member

**Educational/Creative Exhibit:** Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc); given a maximum size of 3'x4'. Care should be taken to use durable materials that will withstand county fair conditions. A good class to exhibit an unusual collection.

**Class 1219J** by 7-12 yr old member

**Class 1219S** by 13 and older member

## **Department 20                      Geology**

**Enrollment:** 2 jrs, 1 sr

**1 award**

**Description:** In this project, you will learn the difference between rocks and minerals, learn how to identify fossils, describe and identify rocks, understand stages of the rock cycle, and use the scientific method to solve problems.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Exhibit box should be 18"x24"x3½". **Plexiglas covers are required; boxes with glass covers WILL NOT be accepted.** All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep exactly. If a box has a sliding Plexiglas cover, it must be removable from the top. Screws, locks, or other devices that would prevent judge from removing the cover should not be used. (For Lapidary classes, the dimensions of the box should be appropriate for the display, but should not exceed 18x24x3 ½).
4. Each exhibitor is required to identify each display box by placing an identification label bearing exhibitor's name, county/district, and the number of specimens in the upper left-hand corner of the Plexiglas cover and by attaching a label with the same information on the lower right corner of the box (outside).
5. Exhibitor may enter in both geology and lapidary Classes. Exhibitor may show in only one of the first four geology classes, exhibitor may also show in geology class 1124 (special exhibit), Mineralogy, Fossils, and in one lapidary class.
6. Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county) where collected.
7. For geology classes 1120-1123 specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum,

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Class, and Genus level (if possible or part if Genus cannot be determined). The Genus specimen name is to begin with a capital letter and the whole specimen's name must either be italicized or underlined, not both. Species name is not required however, if a species name is used it must be all lowercase and either italicized or underlined, not both. The words "Phylum, Class, Genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents **different** geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Composita).

8. For all geology classes, all specimens must be collected by the participant (not purchased) from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and Jasper Counties, MO. Out-of-state specimens will not count in the minimum number for the class, nor will they be considered in the judging.

**Geology display:** at least 15 rocks, minerals and fossils collected during the current 4-H year; limited to one exhibit box.

**Class 1220J** by 7-12 yr old member

**Class 1220S** by 13 and older member

**Geology display:** at least 30 rocks, minerals, and fossils, at least 5 of each; **fifteen must be collected during the current 4-H year;** limited to one exhibit box.

**Class 1221J** by 7-12 yr old member

**Class 1221S** by 13 and older member

**Geology display:** at least 45 rocks, minerals, or fossils, at least 5 of each; **fifteen must have been collected during the current 4-H year;** exhibit limited to two boxes; identify the rocks as igneous, metamorphic, or sedimentary. **These rock types must be spelled out on labels or have a legible key.**

**Class 1222J** by 7-12 yr old member

**Class 1222S** by 13 and older member

**Geology display:** at least 60 rocks, minerals, or fossils, at least 5 of each; **fifteen must have been collected during the current 4-H year;** exhibit limited to two boxes; identify the rocks as igneous, metamorphic, or sedimentary. **These rock types must be spelled out on labels or have a legible key.**

**Class 1223J** by 7-12 yr old member

**Class 1223S** by 13 and older member

**Geology Educational exhibit:** Special exhibit relating to everyday living or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts, or Indian artifacts. **Digital formats are accepted; make arrangements for the judge to view your exhibit and have**

**a hard copy for display.** List your sources used (example - web address or books reviewed as a citation list). Exhibit limited to 4 feet of table space; **care should be taken to use durable materials that will withstand fair conditions.** Exhibitor may show in the class regardless of whether exhibitor has other geology class entries. Exhibitor may also exhibit in lapidary class.

**Class 1224J** by 7-12 yr old member

**Class 1224S** by 13 and older member

**Mineralogy display:** A minimum of 15 mineral specimens collected in Kansas, **at least 5 of which have been collected during the current 4-H year.** Minerals are to be grouped by mineral class (ie: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. Member must use one standard display box; specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (ie: CaCO<sub>3</sub> for calcite) if known.

**Class 1225J** by 7-12 yr old member

**Class 1225S** by 13 and older member

**Paleontology display:** A minimum of 15 fossil specimens collected by the participant in Kansas, **at least 5 of which have been collected during the current 4-H year.** The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.) Member must use one standard display box; specimens must be labeled with the number of the specimen; date collected; county where collected; formation, member, or source; phylum, class, and genus or part; and geologic age (Cretaceous, Permian, Pennsylvanian, etc.)

**Class 1226J** by 7-12 yr old member

**Class 1226S** by 13 and older member

**Petrology display:** A minimum of 15 rock specimens collected in Kansas, **at least 5 of which have been collected during the current 4-H year.** Rocks are to be grouped by the 3 rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. The specimens must fit in one standard display box. Specimen labels must include a specimen number, the date collected, name of specimen, and the county where collected. All rocks must be identified by the formation and member name (Examples: Fort Hays Limestone, Member of the Niobrara Chalk Formation) or source (Examples: Rocky Mountain Outwash, glacial till).

**Class 1227J** by 7-12 yr old member

**Class 1227S** by 13 and older member

**Geology exhibit** *county class only* (not eligible for state fair) First-year members under the age of 10, one display box with 15 specimens (*rocks, minerals, fossils*), any box suitable for displaying the specimens may be used.

**Class 1228J** by 7-12 yr old member

**Class 1228S** by 13 and older member

## LAPIDARY

judging criteria: 10 points-accuracy of information,  
30 points-presentation & showmanship,  
60 points-workmanship & content.

All lapidary specimens should be labeled with the following information: specimen name, place of origin (country, state, or county; county required for Kansas specimens), purchased or self-collected, date lapidary treatment began, date lapidary treatment completed (treatment completed after the state fair is considered a new year specimen). The work (polishing/tumbling) must be done by the exhibitor as this is part of the learning process.

**Lapidary exhibit boxes** may be a standard size, 18"x 24"x 3½". If appropriate, specimens should be arranged across the 18" dimensions of the exhibit box. *All boxes must have a removable Plexiglas cover.*

**Lapidary display:** At least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of "before and after", nor do they have to be self-collected; locales must be identified.

**Class 1229J** by 7-12 yr old member

**Class 1229S** by 13 and older member

**Lapidary display:** Before and after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these; locales must be identified. Lapidary work should be done during the current 4-H year.

**Class 1230J** by 7-12 yr old member

**Class 1230S** by 13 and older member

**Lapidary display:** Before and after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each, at least 2 varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas; locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**Class 1231J** by 7-12 yr old member

**Class 1231S** by 13 and older member

**Lapidary display:** Before and after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each, at least 3 varieties should be collected from the native site by the 4-H'er, at least two of which comes from Kansas; locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**Class 1232J** by 7-12 yr old member

**Class 1232S** by 13 and older member

**Lapidary exhibit:** At least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, and end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least three cabochons of any size or shape, only one of which may be free-formed. A



cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

**Class 1233J** by 7-12 yr old member

**Class 1233S** by 13 and older member

## Department 21 Health & Wellness

**Enrollment:** 0

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. A sheet of operation instructions must be furnished for any exhibit that is not self-explanatory.

**Your Bicycle & You:** poster, notebook, display

**Class 1240J** by 7-12 yr old member

**Class 1240S** by 13 and older member

**Maintaining Your Bicycle:** poster, display, notebook

**Class 1241J** by 7-12 yr old member

**Class 1241S** by 13 and older member

**Health:** poster, notebook, display

**Class 1242J** by 7-12 yr old member

**Class 1242S** by 13 and older member

**Outdoor Adventure:** poster, display, notebook

**Class 1243J** by 7-12 yr old member

**Class 1243S** by 13 and older member

**Recreation:** poster, notebook, display

**Class 1244J** by 7-12 yr old member

**Class 1244S** by 13 and older member

## Department 22 Horticulture &

### Landscape Design

(formerly Plant Science)

**Enrollment:** 2 jr, 5 sr *1 jr award & 1 sr award*

1. All general regulations apply.
  2. 2-sectional entry card is required for each exhibit.
  3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
  4. See page 11: poster, display & notebook criteria.
- Description:** Learn when, where, and what to plant; learn the difference between cool and warm season vegetables; learn plant parts and how they are used; learn how to use basic garden tools; study seed varieties and starting seeds indoors; study preventative pest controls; learn about specialty harvests and selling your produce; study plant pollinations; study food industry careers; and learn about biotechnology.

1. All horticultural exhibits must be grown by the exhibitor.
2. *Exhibiting Fruits & Vegetables - KSU C405* will be used as a guideline in preparing horticulture exhibits.

It is available at:

<http://www.ksre.ksu.edu/bookstore/pubs/c405.pdf>.

3. Secure entry form to disposable plate or container with string or tape; use a sturdy disposable plate, bowl, or container that will support the weight of the produce.
4. A purple ribbon out-of-season vegetable or fruit (i.e. early peas) at the county fair is eligible to be substituted with another vegetable (i.e. pumpkin) at the state fair.
5. Quality and condition of the exhibit will be considered, choose vegetables for an exhibit that will hold up well during the fair; avoid over-ripe or over-mature specimens. Those that are slightly under-ripe or slightly immature when picked may last longer.

**Garden Display:** Each exhibitor is limited to four square feet of space. Display must be exhibited in a tray, basket, or container that can be easily moved by the fair staff. The exhibit consists of five (5) different fresh vegetables or fruits; canned products and shelled vegetables are not acceptable. Only one variety of each type of vegetable or fruit may be exhibited. Numbers of the five vegetables or fruits to be exhibited are as follows: **Large Vegetable (one each), Medium Vegetable (five each) & if small vegetables**, such as green beans, are used as one of the five different vegetables, **(1 dozen)** is suggested for a good display, **Small fruits (one half-pint box), Tree fruits (5 each), Grapes (2 bunches).**

**Class 1250J** by 7-12 yr old member

**Class 1250S** by 13 and older member

**Small Vegetable Specimen Plate** (12 each) green snap beans, yellow wax beans, English peas, Cherry and pear tomatoes, other small vegetables.

**Class 1251J** by 7-12 yr old member

**Class 1251S** by 13 and older member

**Medium Vegetable Specimen Plate** (5 each) beets, carrots, cucumbers, tomatoes, onions (white, yellow, red), bell peppers, other peppers, radishes, okra, parsnips, turnips, garlic, potatoes (sweet, red, white, or Russet), miniature pumpkin, decorative gourds, or other medium vegetables.

**Class 1252J** by 7-12 yr old member

**Class 1252S** by 13 and older member

**Large Vegetable Specimen Plate** (one each) watermelon, squash (summer or winter), pumpkin, eggplant, cabbage, cantaloupe, other large vegetables.

**Class 1253J** by 7-12 yr old member

**Class 1253S** by 13 and older member

**Fresh Culinary Herbs** (examples: parsley, basil, dill, etc) six (6) stems (or a comparable quantity) of **one variety** of fresh herbs exhibited in a disposable container of water. Dried herbs are not accepted.

**Class 1254J** by 7-12 yr old member

**Class 1254S** by 13 and older member

**Small Fruits** (one half-pint box) strawberries, blackberries, raspberries, or other similar-sized fruits.

**Class 1255J** by 7-12 yr old member

**Class 1255S** by 13 and older member

**Tree Fruits** (plate of 5) apples, pears, peaches, or similar-sized fruits.

**Class 1256J** by 7-12 yr old member

**Class 1256S** by 13 and older member

**Grapes** (plate of 2 bunches)

**Class 1257J** by 7-12 yr old member

**Class 1257S** by 13 and older member

**Horticulture poster, display**

**Class 1258J** by 7-12 yr old member

**Class 1258S** by 13 and older member

**Horticulture Notebook:** Entry shall consist of a notebook or three-ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticultural project. 4-Hers are encouraged to include photographs, illustrations, and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during, and after the completion of the project are particularly helpful. Horticulture notebook scoring is as follows: Organization and General Appearance (neat, includes title page and table of contents, original, creative, etc.) 20%; Narrative (including goals, successes, failures, etc.) 40%; General Content (subject matter, photos, maps, knowledge gained, etc.) 40%.

**Class 1259J** by 7-12 yr old member

**Class 1259S** by 13 and older member

## **FLORICULTURE**

1. Each cut flower specimen must be of a different species.
2. All plant materials must be grown and/or collected by exhibitor, not purchased. Entries should not take over one square foot of table space.
3. *Preparing Cut Flowers for Exhibit- KSU 4-H826* contains tips on exhibiting flowers and is available at: <http://www.ksre.ksu.edu/bootstore/pubs/4H826.pdf>.

**Annual Garden Flower**, single stem, cut specimen

**Class 1260J** by 7-12 yr old member

**Class 1260S** by 13 and older member

**Perennial Garden Flower**, single stem, cut specimen

**Class 1261J** by 7-12 yr old member

**Class 1261S** by 13 and older member

**Fresh Flower Arrangement**

**Class 1262J** by 7-12 yr old member

**Class 1262S** by 13 and older member

**Dried Flower Arrangement**, no fabric or plastic material allowed. Materials must be grown/collected by the exhibitor.

**Class 1263J** by 7-12 yr old member

**Class 1263S** by 13 and older member

**County Classes**, not eligible for state fair:

**Flower Arrangement** any artificial, dried, silk, plastic

**Class 1264J** by 7-12 year old member

**Class 1264S** by 13 and older member

**Potted Plant**

**Class 1265J** by 7-12 yr old member

**Class 1265S** by 13 and older member

**Hanging Plant**

**Class 1266J** by 7-12 yr old member

**Class 1266S** by 13 and older member

**Terrarium**

**Class 1267J** by 7-12 yr old member

**Class 1267S** by 13 and older member

**Other**

**Class 1268J** by 7-12 yr old member

**Class 1268S** by 13 and older member

**Floriculture poster, notebook, display**

**Class 1269J** by 7-12 yr old member

**Class 1269S** by 13 and older member

## **Department 23 Interior Design &**

**Architecture** (formerly Home Environment)

**Enrollment:** 1 sr

**1 award**

**Description:** Architecture and Design is an important aspect of creating work and living environments that feel good and serve a purpose to those who utilize them. Designing the feel, look or mood of a room with lighting, furniture, wall placement, and design elements are all examples of ways to incorporate the design process into your environment. Learning and experimenting with the elements of design - color, line, value, space, shape form, and texture, is important. Of equal importance is knowing how to work with the principles of design - proportion, scale, balance, rhythm, unity, and variety. Being a designer (architect, industrial/product designer, interior architect, or interior designer) starts with having an end goal in mind and using each step of the planning process to support the end goal. Good designers understand how design makes a space look good and the components needed to put it together. The overarching goal is to create a space that is structurally sound, safe, inclusive, functional, and inviting to all.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in the current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Articles need not be new but, shall be carefully laundered or cleaned before being exhibited.
6. A summary including plans, explanation of how the items were made or refinished, and how it fits into the color and design of the room. The summary could also include project inspiration, challenges, who helped you, include project inspiration, challenges, who helped you, and any

other information that could be helpful to the judge. A summary should be in a plastic protective sleeve and attached to the exhibit.

7. Projects with missing or insufficient summary will be lowered one ribbon placing.
8. Exhibits should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday-specific items are discouraged.

### **NEW STATE CLASSES**

**Interior Design Focus:** Interior Designers have a capacity to influence the way we feel when we inhabit a space. In some instances, this impact can be felt emotionally and physically, in other word, it can affect our mood. Tools such as color, light, texture and pattern can all be used to convey or stimulate such a response to a space.

**Room Design Board:** Select one room within your home or imaginary/future home (bedroom, bathroom, kitchen, etc.) to design. Create a basic floor plan showing wall footprint including any furniture, fixture and/or cabinet layout. Include any other illustrations, drawings or photographs to help support your design. Also include material/finish samples (wall treatments, floor covering, paint samples, etc.) Label any drawings or finishes so the audience understands their intention. All finishes should be attached to the design board. To explain your design intent, write a brief description to be included on the design board (no more than one page 8 ½ x11). Boards must be on foam core or a standard tri-fold display.

**Class 1275J** by 7-12 yr old member

**Class 1275S** by 13 and older member

**Two Collages on Design Board:** In this project, develop two imaginary interior rooms. Each room should start out with identical dimensions and features (doors, windows, etc.) The function of the room can be up to you (bedroom, coffee shop, art studio, etc.) but should be the same for both rooms. For each space, create a feeling or mood for the occupants of the space. The mood created for one space should be the opposite or contrast to the second space. Choose a pair of contrasting words from the list provided (where do we put the list) to get started. Each collage must be on its own page. Page size preference and maximum is 11x17; can use smaller dimensions if needed. Collages should convey a space that includes a background, midground, and foreground. Once these are established, add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures, and other elements to complete each collage. For each collage, write a brief description of your design intent (one to three paragraphs total). Adhere both collages and design intent on a foam core presentation board. Label each collage with the descriptive words you selected from the list.

Additionally, you may include research, inspiration imagery, or any additional drawings that helped you

design your space.

**Class 1276J** by 7-12 yr old member

**Class 1276S** by 13 and older member

**Two Diorama Models:** 4-H Members will construct two dioramas, one for each space demonstrating contrasting moods. Each diorama will be designed with similar sized boxes. Boxes should be large enough to be easily viewed but no larger than 12"x 18". Both rooms being depicted need to be the same size. Dioramas should convey a space that includes a background, midground, and foreground. Once these are established, add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures, and other elements to complete each room or diorama. Elements will need to be cut out and adhered to each background, midground, and foreground to reflect the design of the room. Focus on selecting materials and colors to create the mood or essence of the space. Use openings in your container to experiment with the effect of light in your space. Dioramas should not contain actual figures, miniature furniture/cabinets, or movable parts. All elements should be paper adhered to materials easily found at home. For example: magazine photos, cardstock, plastic, cardboard, chipboard or other material to depict design finished/elements within the diorama.

**Class 1277J** by 7-12 yr old member

**Class 1277S** by 13 and older member

**Architecture Focus:** Architects plan, design and oversee the construction of buildings and other structures beginning with concept development to the final construction phase of projects. It's also important that they ensure the final product is safe and functional. Architects balance artistic creativity with sound building techniques while also considering how the built environment impacts people's emotions and lifestyle.

**Marble Maze or Enclosure:** Create a space in which a marble will move through a sequence of rooms, enclosures, or spaces. Use different types of elements and materials to enclose your spaces or guide the marble. Consider the size of the marble and how you want the space to feel - big and open or small and enclosed. Pay close attention to the sizes of architectural elements relative to the size of the marble. To construct the marble maze or enclosure, use household materials found around the home to create the structure (cardboard, chipboard, construction paper, paper towel, or toilet paper tubes, etc.). The base of the structure should be no larger than 18"x24" (poster board size) and 12" in height. In addition to your enclosure/maze, you may also present a small design board with illustrations/drawings to help the audience understand the path of travel for the marble or the rules for which you designed. Write or type a brief description of your design intent (1-3 paragraphs total) to be included on the design board.

**Class 1278J** by 7-12 yr old member

**Class 1278S** by 13 and older member

**Marble Maze Presentation Board Only:** Presentation board should be foamcore with below items attached: include drawings of your marble enclosure/maze design (examples

include floor plan, section, elevation, etc.); in addition to your base drawings, include any illustration/drawings to help your audience understand the path of travel for the marble. You may also include quality photographs that show the sequence of the marble moving through the built design. Images may be annotated, meaning you can use notes to explain your thoughts/design intent, on the board. This sequence of photos should visually tell the story of your design. Write or type a brief description of your design intent (1-3 paragraphs total) to be included on the presentation board.

**Class 1279J** by 7-12 yr old member

**Class 1279S** by 13 and older member

## Department 24 Leadership

**Enrollment:** 1 jr, 9 sr *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Exhibit must display work relating to the current 4-H year.
6. Judging will be based on the exhibit (50%) and the leadership interview (50%).

**Leadership poster, notebook, display**

**Class 1280J** by 7-12 yr old member

**Class 1280S** by 13 and older member

## Department 25 Performing Arts

**Enrollment:** 2 jr, 1 sr *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Exhibit must display work relating to the current 4-H year.
6. Judging will be based on the exhibit (50%) and the interview (50%).

**Performing arts poster, notebook, display**

**Class 1285J** by 7-12 yr old member

**Class 1285S** by 13 and older member

## Department 26 Pets

**Judging: Friday, July 11, Pets Show & Tell judging will follow the Poultry/Rabbit Show.**

**Enrollment:** 2 jr, 1 sr *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Pets will be brought in to show and then taken home.  
Health papers from a veterinarian must be presented at check-in for all pets. All pets must have current

vaccinations for the species, and this should be noted in the official health paperwork.

6. Do not take pets around the livestock barns.
7. A dog cannot be shown in the Post Rock District Dog Show AND the Pet Show. The same goes for a pet which may classify for another animal department. If there is a class available in another department, it is to be exhibited there before choosing to exhibit in the pet show. An exhibitor must pick one or the other.
8. Any abuse of pets on fairgrounds will result in disqualification.
9. No pets in season can be shown.
10. Show & tell showmanship criteria: presentation -30% subject -30% interest -10% summary -10% appearance -10% visuals/equipment -10%

**Pets poster, notebook, display**

**Class 1291J** by 7-12 yr old member

**Class 1291S** by 13 and older member

## Pets Show and Tell

**Class 1292J** by 7-12 yr old member

**Class 1292S** by 13 and older member

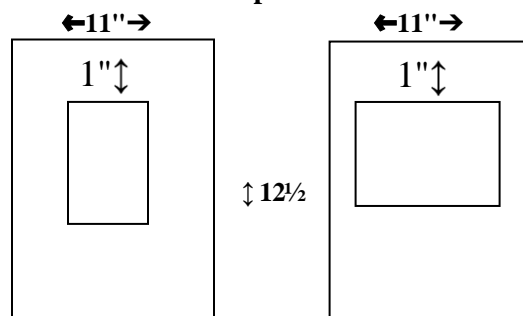
## Department 27 Photography

**Enrollment:** 20 jr, 14 sr *1 jr award & 1 sr award*

**Description:** Tell your story through photography. This project helps capture unique and fun photos of friends, family, pets, nature, and important events in your life that you want to document. Learn how to plan, compose, light, and exhibit your photos. Learn the basics of using a smartphone or camera and advance into wide-angle and telephoto lenses, filters, light meters, and computer enhancement. Photos are judged on composition, technique, and appeal.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. All photos must be no larger than 8"x10" and no smaller than 7"x 9", after trimming.
5. Photos are to be mounted across the **narrow** (11") dimension of **11"x12½"** photo matte.
6. Photos must be **mounted with the top edge of the print 1" below the top of the mount; the sides of the print must be equal distance from the two sides of the mount.**
7. A full coverage permanent mount (spray adhesive recommended or heat mount) must be made (matte and spray adhesive available at the extension office).

**Photo matte MUST BE VERTICAL** (see diagram); **use photo adhesive to mount photo.**





8. No lettering, including dates, is permitted on the front of the mount or on the photo, no underlays or borders may be used.
9. To protect exhibits from dust and moisture, place in a self-sealing, clear plastic bag (available at ext. office).
10. Improperly mounted photos, oversize or undersized photos, or photos with the white borders not removed or lettering (including dates) on the photo, will be awarded a ribbon one placing lower than the placing determined by the official judge (see diagram for correct placement).
11. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one-click filter effects, red-eye removal, cropping, dodging, and burning should be entered in the standard color or black and white classes. HDR photos are to be entered in the standard photo class.
12. Black and white class is for black and white prints only. Monochromatic prints, including sepia prints, are considered color photos and must be entered in the appropriate color photo class.
13. Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards, for a sense of prohibited subject matter, review the Kansas 4-H member Code of Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph.
14. Photos with live subject(s) on a railroad right of way or taken from railroad right of way property will not be displayed and will be disqualified and not judged.
15. Copyright protections must be observed.

#### **Color Enlargement**

**Class 1300J** by 7-12 yr old member

**Class 1300S** by 13 and older member

#### **Black and White Enlargement**

**Class 1301J** by 7-12 yr old member

**Class 1301S** by 13 and older member

#### **Slides (color or black and white)**

**Class 1302J** by 7-12 yr old member

**Class 1302S** by 13 and older member

#### **Slides (color or black and white, *with special effects*)** (darkroom manipulation of print and/or in-camera manipulation of negative)

**Class 1303J** by 7-12 yr old member

**Class 1303S** by 13 and older member

#### **My Favorite 4-H Photography Display**

This new class is only for those photography project members with 10 or more years of experience. This class is a non-judged mounted display consisting of four favorite photos from the member's photography career in 4-H. All photos and a fifth biography/ description with details of why they are regarded as most significant will be mounted on white or cream studio matte board. This class is an extra way to showcase the development and

accomplishments of the 4-H member's photography career.

**Class 1304J** by 7-12 yr old member

**Class 1304S** by 13 and older member

#### **Portfolio Classes**

**Growth Portfolio:** Member is eligible for this class beginning with the third year of enrollment in the photography project. The exhibit will consist of one photo from each year of enrollment. Each photo must have been created in a different year and must be labeled with the year taken/project enrollment year. A maximum of 5 photos may be included if the member has 5 or more years of enrollment. Photos are not required to be in consecutive order. Photos must be 8"X10" and may be color or black and white and must be unmounted. An information sheet must accompany each photo giving the brand and model of camera used to create the photo. Setting for focal length, aperture, mode, and shutter speed must also be listed. The skills set used to create the photo must be given and fully explained. The main goal for each year should also be given. The form for this information is available on the Kansas 4h.org website. It is a form fillable document and is required. A short introduction of the photographer should be placed in the first page. This introduction should tell why the 4-H member enrolled in the photography project and why they have continued to enroll. Exhibitor could also tell of a fun event photographed, a learning experience that taught them new skills, or other related learning. Beginning with photo 2, member description of GROWTH in project skill must be included on the information sheet. Exhibit will consist of introductory page, skill sheet, and photo form each year in chronological order and arranged in a portfolio book. Skill sheet will go in left hand page and unmounted photos in right hand page.

**Class 1305J** by 7-12 yr old member

**Class 1305S** by 13 and older member

**Career Portfolio:** Member must have been enrolled in the photography for 5 or more years OR must be age 15-19 and have been enrolled in photography for at least 2 years. The exhibit will consist of ten 8x10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photojournalism, Black & White, Nature/Wildlife or Graphic Design (computer skills with photos). All photos must be the result of the current 4-H enrollment year. Photos may be color except if the black and white option is chosen and must be unmounted. An information sheet must accompany each photo giving the brand and model of camera used to create the photo. The settings for focal length, aperture, mode, and shutter speed must also be listed. This sheet may be downloaded from Kansas4h.org; it is a form-fillable document and is required. A one-page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described. The exhibit will be presented in a notebook designed for a portfolio review with pages for the required information listed above.

**Class 1306J** by 7-12 yr old member

**Class 1306S** by 13 and older member

**County Classes**, not eligible for the state fair.

**Photo Album**, current year's work

**Class 1307J** by 7-12 yr old member

**Class 1307S** by 13 and older member

**Untouched**, two color or two black and white pictures (4"x6" or 3"x5") mounted on 11"x12½" studio mount.

**Class 1308J** by 7-12 yr old member

**Class 1308S** by 13 and older member

**Picture Set**: 4 color or 4 black and white (3"x5") pictures mounted on 11"x12½" studio mount, (must include one photo from each category: building; animal, landscape, people).

**Class 1309J** by 7-12 yr old member

**Class 1309S** by 13 and older member

## **Department 28 Reading Adventures**

**Enrollment**: 1 jr *1 award*

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.

### **Poster**

**Class 1315J** by 7-12 yr old member

**Class 1315S** by 13 and older member

**Book Display** with written explanation about books

**Class 1316J** by 7-12 yr old member

**Class 1316S** by 13 and older member

**Notebook of Book Reviews**, at least five (5)

**Class 1317J** by 7-12 yr old member

**Class 1317S** by 13 and older member

**Box Scene** with written summary of story

**Class 1318J** by 7-12 yr old member

**Class 1318S** by 13 and older member

### **Other**

**Class 1319J** by 7-12 yr old member

**Class 1319S** by 13 and older member

## **Department 29 Robotics** (formerly STEM)

**Enrollment**: 1 jr *1 award*

1. 2-sectional entry card is required for each exhibit
2. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
3. See page 11: poster, display & notebook criteria

**Description**: The Kansas 4-H Robotics program is designed to allow 4-H members to explore robotics through robots of various designs.

1. Each exhibit must include a robot, information packets are not a sufficient exhibit.
2. Robots must have automated articulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer science system division or electronics & renewable energy projects. Robots requiring no assembly, just programming, such as Ozobots, are considered computer sciences projects as the skill is focused on the programming, not on the construction of the robot.
3. Robot dimensions should not exceed 2 feet high by 2 feet wide by 2 feet deep. If displayed in a case (not required, but strongly encouraged for county fairs) the outside case dimensions should not be excessive. The display case should have the exhibitor's information attached to both the lid and cover, as the top part of the case may be separated from the display.
4. Materials including but not limited to obstacles, spare batteries, and mats for testing the robot may be placed in a separate container, which is not included in the robot's dimensions, that container may not be larger than 576 cubic inches as measured along the outside of the container. (Examples: 4"x4"x36" or 4"x8"x18" or 6"x6"x16") The container, if used, and/or any large objects (such as mats or obstacles) should be labeled with the exhibitor's name(s) and county or district as they will be stored separately from the exhibit.
5. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
6. Robots may be powered by an electrical, battery, water, air, or solar source only. Junk drawer robots may be powered by a non-traditional power source. Robots powered by fossil fuels/flammable liquids will be disqualified. Robots that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical that could be used to inflict damage and/or harm to individuals, animal life, and/or property.
7. Remote-controlled robots are allowed under certain conditions provided that the robot is not drivable. Robots programmed on phones/tablets need to have a specific program created, using motion controls to move the robot is not acceptable, for example "press forward on the screen to make the robot go forward." Robotic arms (hydraulic or electric) are allowed. A remote is allowed provided more than a single action happens when a single button is pressed on the remote, for example, "a motor spins for 3 seconds, at which point an actuator is triggered, then the motor spins for 3 more seconds." Remote-controlled cars, boats, planes, and/or action figures, etc. are not allowed.
8. Each robot must be in working condition. The judge will operate each robot to evaluate its workmanship and its ability to complete its intended task.
9. Each exhibitor is required to complete the "4-H Robotics Exhibit Information Form" which is available through your local K-State Research and Extension office or at <http://robotics.engtech4ks.com/>

**10.** This form must be attached to the outside of a 10" x 13" manila envelope. All revisions of forms previously released for the Engineering & Technology division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms should result in the loss of one ribbon placing for exhibits.

**11.** The exhibit must include written instructions for operation (the instructions should be written as if they were to tell a grandparent or elderly person how to operate the robot), construction plans, a video, and one to five pages of project photographs. For robots that can be programmed, robot programming information must be included, this information should be placed inside the 10" x 13" manila envelope mentioned above. Robot programming information can be, but is not limited to, source code, block diagrams, screen captures of the coding window and other images that show the programming logic used. The exhibitor may enter their robotics project listed under the electric and renewable energy project if the exhibitor so chooses.

**12.** In the event that the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT include the device (phone, tablet, etc.). The device's safety cannot be insured. Instead, record a video demonstrating the instructions included for your robot. It should show, setting up the robot, starting the robot, the robot executing its task, and powering off the robot, just like the instructions are written.

**13.** Creativity, workmanship, and functionality will be strong criteria in judging the "Robot designed by Exhibitor" classes. All robots should have a purpose or intended function, examples include, but are not limited to: following a line, sweeping the floor, solving a Rubix cube, sorting colors, or climbing stairs.

**14.** Exhibitor's name(s) and county or district must be tagged or labeled on the robot such as on the bottom of the robot, exhibit cards are not an acceptable form of labeling.

**15.** There are no county or district boundaries that must be adhered to in order to form a Kansas 4-H Robotics team. However, each team member must be currently enrolled in the Kansas 4-H Robotics project.

#### **Robot made from Commercial (purchased) Kit**

**Class 1330J** by 7-12 yr old member

**Class 1330S** by 13 and older member

**Robot Designed and Constructed by Exhibitor** The robot must not be a mere modification of an existing robot kit or plan.

**Class 1331J** by 7-12 yr old member

**Class 1331S** by 13 and older member

#### **Programmable robot made from Commercial**

(purchased) Kit

**Class 1332J** by 7-12 yr old member

**Class 1332S** by 13 and older member

#### **Robot Designed and Constructed by Exhibitor or from a commercial kit that is operated by a remote-controlled device.**

**Class 1333J** by 7-12 yr old member

**Class 1333S** by 13 and older member

#### **Junk Drawer Robotics**

**Class 1334J** by 7-12 yr old member

**Class 1334S** by 13 and older member

**Team Division - Team Robotics Project** Robot designed and constructed by 2 or more 4-H project members. The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable type that is made from a commercial (purchased) kit. This division is designed to encourage teamwork and cooperation among fellow 4-H members. As with many high-tech projects today, no one person designs and builds a robot alone. It takes the brainstorming, planning, problem-solving, and cooperation of an entire team to complete a given robotics project.

**Class 1335J** by 7-12 year old member

**Class 1335S** by age 13 and older

#### **Robotics poster, notebook, display**

**Class 1336J** by 7-12 yr old member

**Class 1336S** by 13 and older member

### **Department 30**

### **Self Determined**

**Enrollment:** 1 sr.

**1 award**

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in the project may exhibit three (3) entries per class relating to current year project work.
4. See page 11: poster, display & notebook criteria.
5. If there is a class available in another department, it is to be exhibited there before choosing to exhibit in the self-determined project. Entries in this department must be a planned part of a project experience that does not fall under any other project area.

#### **Self-determined notebook, poster, display**

**Class 1340J** by 7-12 yr old member

**Class 1340S** by 13 and older member

### **Department 31**

### **Shooting Sports**

**Enrollment:** 10 jr, 3 sr

**1 jr award & 1 sr award**

**Description:** The Shooting Sports project helps youth thrive and develop life skills while teaching shooting safety, care, and safety of shooting sports equipment, hunting practices, and provides an opportunity to test your skills. The fair classes are designed to provide an opportunity for youth to educate others

about what they have learned through the project or to promote the benefits of participation.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria, plus posters must be flat. Notebooks no larger than 8 ½ x11.
5. National Minimum Standards and Best Practices <https://4-hshootingsports.org/wp-content/uploads/2024/01/12.13.23-Minimum-Standards-Update.pdf> MUST be followed as well as Kansas 4-H Shooting Sports Handbook. [https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-sports-handbook\\_4H1101.pdf](https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-sports-handbook_4H1101.pdf) Exhibits outside these standards will be disqualified.
6. The exhibit size rule will be strictly enforced. Exhibits exceeding the size guidelines will be disqualified. Maximum exhibit size for all exhibits in this division is 4'X6'. Larger exhibits will be turned away.
7. Educational Display: must be the standard Tri-fold board ONLY, must not exceed standard tri-fold: 3'x4' unless there is a topper that sits on top of the board and does not take up additional table space; no additional table space available for promotional brochures or display items; content not to exceed display board borders.
8. Promotional Posters: must be flat and no larger than 22"x 30"; content not to exceed display board borders. Exhibits may be displayed on wall.
9. Exhibits must not display, describe, or depict firearms or firearm components that are not allowed by 4-H Shooting Sports National Minimum Standards.
10. Exhibitors must comply with state and federal laws, no "live" ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and "live" ammunition. The substitution must be clearly described on the back of the poster, display, or in a notebook.
11. Name, county or district, age, and year in the project should be on the front of the poster, display, or notebook unless arrangements are made because of declination of publicity release.
12. Exhibits will not be accepted if they are related to reloads.
13. Educational Displays will be judged on the following points: Stopping Power, Interest, Holding Power, 4-H Project application, Mechanical Power, Personal Growth, Educational Value.
14. Posters will be judged on the following points: Stopping Power, Interest, Holding Power, 4-H Project application, Mechanical Power.

**Note: State Fair has educational displays, promotional posters, experiential displays, and notebooks only.**

**Shooting sports notebook, poster, display**

**Class 1345J** by 7-12 yr old member

**Class 1345S** by 13 and older member

## **Experiential Classes**

**Shooting aid or accessory:** Any item the 4-H member makes which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.

**Class 1346J** by 7-12 yr old member

**Class 1346S** by 13 and older member

**Storage Case:** Any item the 4-H member makes with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft-sided shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.

**Class 1347J** by 7-12 yr old member

**Class 1347S** by 13 and older member

**Practice Game or Activity:** Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

**Class 1348J** by 7-12 yr old member

**Class 1348S** by 13 and older member

## **Department 32 Small Engines**

(formerly Energy Management)

**Enrollment:** 1 jr, 1 sr **1 award**

**Description:** Through Small Engines, you will have the opportunity to educate others about what youth have learned through the project or to promote the benefits of participation in those project areas.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Each Small Engines exhibit must include a "4-H Small Engines Information Form" which is available through your local extension office or at <http://smallengines/engtechrks.com/>. This form must be attached to the outside of a 10"x13" manilla envelope. Place all other paperwork inside the manilla envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manilla envelope is needed for these exhibits.
6. Items that have been in use should be cleaned for exhibit.
7. A sheet of operating instructions must be included in the packet for any exhibit that is not self-explanatory.

**All exhibits should involve engines smaller than 20 horsepower. Engine should contain no fuel in the tank or carburetor.**

**Display:** Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; or 2) a



display identifying and explaining the function of different special tools needed for small engine work; or 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display. The maximum tri-fold size is 3' x 4'.

**Class 1351J** by 7-12 yr old member

**Class 1351S** by 13 and older member

**Maintenance:** Exhibit a display that illustrates either 1) Routine maintenance procedures or 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws are permitted for display, using a maximum tri-fold size of 3' x 4'.

**Class 1352J** by 7-12 yr old member

**Class 1352S** by 13 and older member

**Operation:** Exhibit an operable small engine (should be no more than 20 horsepower) overhauled or rebuilt by the member. Include a maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. The engine should contain no fuel in the tank or carburetor.

**Class 1353J** by 7-12 yr old member

**Class 1353S** by 13 and older member

## **Department 33 Uncrewed Aerial Systems** (formerly STEM)

**Enrollment:** 0

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 11: poster, display & notebook criteria.

**Description:** The 4-H uncrewed aerial system or UAS project explores the world from above the trees and discovers new frontiers with UASs. UASs are commonly known as Unmanned Aerial Vehicles (UAVs) or drones. Members explore the uses and applications of uncrewed aerial system including how UASs link to other projects such as geology, robotics, electronics, crop science, and many more.

1. The information that accompanies the UAS must be limited to the 4-H Uncrewed Aerial System Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the UAS. This may be downloaded from <http://uas.engtech4ks.com/>. Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon. All revisions of all forms previously released for the division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.

2. Each exhibit MUST include a video of the youth operating their UAS. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes.
3. Exhibitor's name, county or district, age, and year(s) in the project must be tagged or labeled on the exhibit.
4. Uncrewed Aerial System that includes or depicts weaponry of any kind will be disqualified.
5. For scratch built UAS kits, if modifications are made to the exhibit a page should be attached noting those modifications.
6. If a safety violation is noted by the judge, superintendent, or other staff, the exhibitor's exhibit, at the judge's discretion, will receive a participation ribbon.
7. For practical application entries, the UAS is not required to be displayed as part of the exhibit, only the supporting material.
8. The same UAS may be used by multiple exhibitors for different practical application entries.

### **Exhibitors 7 through 13 years old**

**Uncrewed Aerial System designed and constructed by exhibitor** that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

**Class 1360J** by 7-12 year old member

**Class 1360S** by 13 year old member

### **Practical application of an Uncrewed Aerial system constructed from a commercial (purchased) kit.**

This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

**Class 1361J** by 7-12 year old member

**Class 1361S** by 13 year old member

### **Exhibitors 14 years and older**

**Uncrewed Aerial System designed and constructed by exhibitor** that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

**Class 1362S** by 14 and older member

### **Practical application of an Uncrewed Aerial system constructed from a commercial (purchased) kit.**

This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

**Class 1363S** by 14 and older member

### **Uncrewed Aerial System poster, notebook, display**

**Class 1364J** by 7-12 yr old member



## Department 34 Veterinary Science

**Enrollment:** 2 jr, 2 sr

*1 award*

**Description:** The purpose of the 4-H Veterinary Science project is to provide a way for young people who care for animals and may want to follow a career in veterinary medicine to explore the topic. In this project, members will learn about animal health, behavior, and visit with veterinarians. 4-H member in the Veterinary Science project may develop an exhibit to demonstrate the knowledge and skills learned about a common health problem in animals, a veterinary science principle or public health/zoonotic diseases.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in the current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Name, county or district, age, and year in project should be on the front of the exhibit.
6. A Veterinary Science exhibit may consist of a poster, notebook, or project display. The exhibit may represent material from any of the Veterinary Science projects including entry-level exhibits from Unit I.
7. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma, or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, the use of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.
8. First-Aid Kits: Because of public safety concerns and the risk of theft of first-aid kit contents (veterinary drugs/ equipment) with perceived potential for drug abuse, animal first-aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer-generated print-outs, or empty packaging of pharmaceuticals.
9. Veterinary Science Posters - This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 30" and may be either vertical or horizontal.
10. Veterinary Science Displays - A display may include but is not limited to a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three-ring binder or another bound notebook format.

11. Veterinary Science Notebooks: Individual entries are to be placed for display in a three-ring notebook for competition. Notebooks may not be larger than 8 1/2' x 11".
12. Appropriate topics include: Maintaining Health Specific disease information, Photographic display of normal and abnormal characteristics, Animal health or safety, Public health or safety, Proper animal management to ensure food safety and quality, Efficient and safe livestock working facilities, A topic of the exhibitor's choosing related to veterinary medicine or veterinary science.
13. Because these are science displays, all references and information must be properly cited. Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with veterinarians, and excerpts from Veterinary Educational Literature. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.

**Notebook** (Contents pertain to some phase, results, story, or information about the veterinary science project).

**Educational Poster** (must be related to something learned in the veterinary science project) (posterboard or foamboard no larger than 22" x 28").

**Educational Display** (must be directly related to the veterinary project).

### Veterinary poster, notebook, display

Class 1390J by 7-12 yr old member

Class 1390S by 13 and older member

## Department 35 Visual Arts

**Enrollment:** 17 jr, 9 sr *1 jr award & 1 sr award*

**Visual Arts Phases:** fine arts, clay & ceramics, leather & jewelry, three-dimensional, general crafts

**NOTE:** Judge needs to rank top three purples in each phase.

**Description:** The visual arts project teaches artistic skills and the elements and principles of design. 4-H members explore techniques, study art history, culture, and discover their talents. Be creative; draw, paint, and work with different mediums.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit eight (8) entries per class completed in the current project year in each area enrolled.
4. See page 11: poster, display & notebook criteria.
5. All exhibits which need to be hung **MUST** have the appropriate saw-tooth hanger, rod, wire, or other mechanism attached in order to be properly displayed, entries not in compliance will be lowered 1 ribbon placing (no string or tape).
6. Special consideration is given to items that are of original design, attach a note explaining the original design.
7. Each county may submit one entry from each of the five categories (Fine Arts, Clay and Ceramics, Leather, and Jewelry, Three-Dimensional, and General Crafts) for the state fair for a total of five entries per county. If a county doesn't have an entry for one of the classes, they

may submit a second entry in one of the other classes to meet the quota of five entries per county.

8. Articles exhibited must be an original design created by the exhibitor for state fair consideration.
9. Large art items will not be accepted. Exhibits must be of manageable size and be easily transported and displayed by one person for state fair consideration.
10. Multi-piece items should be marked accordingly for judging and display purposes. Art exhibits are handled several times between check-in, judging, and display. Please mark accordingly or place in a container.
11. No plants or plant materials needing watering can be entered as an art display or item.
12. All entries are entered at the exhibitor's own risk.

#### **Visual Arts Definitions/Explanations:**

**Two-Dimensional Art** is described as a form of visual art that exists on a flat surface and has width and height but no depth. Examples include drawings, paintings, prints, photography and can be created with charcoal, ink, watercolor, pencil, paint, etc.

**Three-Dimensional Art** is described as a form of art that has height, width and depth and can be viewed from multiple angles. 3D art takes up physical space. Examples include clay molding, glass blowing, sculpture, casting, modeling, carving and construction.

**Explanation of the term "kit"** - Any art project that comes pre-packaged or boxed as a "kit" is not an allowable project. While utilizing kits can help build skills, the work needs to be original to the 4-H member. Examples include paint by number, diamond art kits, string art, etc. Exception: Leather project kits, due to the nature of precut leather, are allowed.

**Explanation of "original art"** - 1) If a 4-H member creates their own pattern or art project that contains paint, diamond art beads, string art or any other medium, then it becomes their own work and in turn can evolve into an allowable project. 2) Combining parts of different patterns (pictures, photographs, images from the internet or magazine) with the member's own ideas can result in an original design. 3) Changing only the color, pattern or size does not make the design original. 4) If a photo, sketch or other idea source was used, or a new pattern was created by the 4-H member please submit it with the judging rubric. 5) The design process for original art by the 4-H member must be explained in the judging rubric.

**Painted craft versus glazed pottery** - When a 4-H member uses acrylic paint on pre-made ceramic pieces it is considered a painted craft. When a 4-H member applies glaze to greenware and the pieces are fired, that is considered pottery/ceramics and fine art.

**FINE ARTS:** Oil, chalk, charcoal, dyes, pastels, pencil, ink, acrylic, or watercolor on canvas, canvas board, paper,

wood, metal, or textiles, framed as a picture, prepared for hanging. Stretched canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.

**Class 1400J** made by 7-12 year old member

**Class 1400S** made by 13 & older member

**CLAY and CERAMICS:** Any original item made of clay; may be fired or unfired, hand-formed, or thrown on a wheel. Self-hardening, fire/oven-cured, and/or cornstarch clays are acceptable. Projects must begin with greenware, not a piece already cleaned. Items can include but are not limited to, clay statues, bowls, etc.

**Class 1401J** made by 7-12 year old member

**Class 1401S** made by 13 & older member

**LEATHER and JEWELRY:** Any leather stamping, carving, tooling, lacing, or stitching piece or any jewelry piece made from any medium are acceptable exhibits. Leather project kits are acceptable due to leather being precut for particular projects. If a 4-H member makes their own leather pattern that should be explained and the pattern included.

**Class 1402J** made by 7-12 year old member

**Class 1402S** made by 13 & older member

**THREE-DIMENSIONAL:** The piece must be observable on at least three sides and should be either free-standing or prepared to be hung. Craft and pre-formed or assembled projects are not acceptable.

**Class 1403J** made by 7-12 year old member

**Class 1403S** made by 13 & older member

**GENERAL CRAFTS:** This category incorporates miscellaneous pieces that do not correspond to the four, above-mentioned categories.

**Class 1404J** made by 7-12 yr old member

**Class 1404S** made by 13 and older member

*County Class, not eligible for the state fair*

**CRAFTS MADE FROM A KIT:** This category incorporates any pieces that are made from a kit.

**Class 1405J** made by 7-12 yr old member

**Class 1405S** made by 13 and older member

## **Department 36      Wildlife (Sports Fishing)**

**Enrollment:** 3 jr, 1 sr

**1 award**

**Description:** This project is for all youth, whether living in the city, the country, or in between. Wildlife are an important part of our state heritage and environment, ranging from buffalo to birds to fish to deer and more. In this project you will learn about wildlife behavior, habitat requirements, how wildlife species fit into nature's scheme, how they are managed, and how they relate to humans.

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Members enrolled in this project may exhibit three (3) entries per class completed in the current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. Exhibitor must comply with state and federal laws, it is

illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.

6. Exhibits in this division are open to educational displays, promotional posters, or experiential displays. Exhibits should reflect learning in the project area. Follow copyright laws as you are preparing your exhibit (see pg. 8). Take care to select durable materials to withstand fair conditions.
  7. Wildlife exhibits that reflect harvesting of wildlife must follow National Minimum Standards and Best Practices <https://4-hshootingsports.org/wp-content/uploads/2024/01/12.13.23-Minimum-Standards-Update.pdf> and Kansas 4-H Shooting Sports Handbook [https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-sports-handbook\\_4H1101.pdf](https://bookstore.ksre.ksu.edu/pubs/kansas-4-h-shooting-sports-handbook_4H1101.pdf) and Kansas Fish and Game laws. Exhibits outside these standards will be disqualified.
  8. Exhibits must not display, describe, or depict firearms or firearm components that are not allowed by 4-H Shooting Sports National Minimum Standards.
  9. Exhibitors must comply with state and federal laws.
  10. No 'live' ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and 'live' ammunition, the substitution must be clearly described on the back of the poster, display, or in a notebook.
  11. Exhibits will not be accepted if they are related to reloads.
  12. Name, county or district, age, and year in project should be on the exhibit.
- Notebook** (Contents pertain to some phase, results, story, or information about the wildlife project).
- Educational Poster** (must be related to something learned in the wildlife project) (posterboard or foamboard no larger than 22" x 30").
- Educational Display** (must be directly related to the wildlife project) (not to exceed standard tri-fold 3'x4').

#### **Wildlife poster, notebook, display**

**Class 1420J** by 7-12 yr old member

**Class 1420S** by 13 and older member

#### **Experiential/Other Classes:**

**Fish Harvesting Equipment Board exhibit.** Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), and lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, and when or where each item is used.

**Class 1421J** by 7-12 yr old member

**Class 1421S** by 13 and older member

**Build a Fishing Rod.** A fishing rod educational exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board. Include with the exhibit: Explanation

of the cost of materials/components and how many number of hours required for construction. Label all parts. Necessary components that must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down the rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.

**Class 1422J** by 7-12 yr old member

**Class 1422S** by 13 and older member

**Casting Target.** Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather-resistant. Include the purpose and rules of using your casting target.

**Class 1423J** by 7-12 yr old member

**Class 1423S** by 13 and older member

**Wildlife Harvesting Equipment Board Exhibit.** Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used, and personal experiences with the item.

**Class 1424J** by 7-12 yr old member

**Class 1424S** by 13 and older member

**Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory.** Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype, and any adjustments you made.

**Class 1425J** by 7-12 yr old member

**Class 1425S** by 13 and older member

**Tanned Hides.** Exhibit of a wild animal hide properly processed by the member. If not mounted, must be in a clear clothing bag with hanger. al field experiences, study, OR observations that relate to the exhibit.

**Class 1426J** by 7-12 yr old member

**Class 1426S** by 13 and older member

**Taxidermy.** Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting. Include the animal's name and the following: information about the exhibitor's personal field experiences, study, OR observations that relate to the exhibit.

**Class 1427J** by 7-12 yr old member

**Class 1427S** by 13 and older member

**Wildlife Tracks.** Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts

(impressions as they would be in nature) are preferred. - Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR) - Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR) - Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

**Class 1428J** by 7-12 yr old member

**Class 1428S** by 13 and older member

**Wildlife Knowledge Check.** Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports-related knowledge. Plan size and shape to fit transportation and display; maximum size 24 x 24 inches.

**Class 1429J** by 7-12 yr old member

**Class 1429S** by 13 and older member

**Houses.** Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations from experiences.

**Class 1430J** by 7-12 yr old member

**Class 1430S** by 13 and older member

**Feeders/Waterers.** Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where are how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences.

**Class 1431J** by 7-12 yr old member

**Class 1431S** by 13 and older member

*County Class only*

**Wildlife show and tell**

**Class 1432J** by 7-12 yr old member

**Class 1432S** by 13 and older member

## **Department 37      Woodworking**

**Enrollment:** 2 jr, 5 sr      **1 jr award & 1 sr award**

**Description:** The Wood Working project allows youth to exhibit a wide variety of items made working with wood and, using tools. You will learn to create and read plans to build projects for the farm, shop, household or other areas.

1. All general regulations apply.
2. A 2-section card is required for each exhibit.

3. Members enrolled in the project may enter (3) entries per class completed in the current 4-H yr.
4. See page 11: poster, display & notebook criteria.
5. The plan from which it was constructed **must** be with the article exhibited. The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Please note: a set of step-by-step instructions is not a plan.
6. Projects with missing or insufficient plans will be lowered one ribbon placing (i.e. a blue ribbon exhibit will receive a red ribbon).
7. The use of materials other than wood should be kept to a minimum.
8. Projects that have unsecured glass, i.e., glass shelves, glass top of a coffee table, etc., should not be brought to the fair. Glass that is secured in the project, i.e., the glass front of a gun case or cabinet, etc., is permissible since it cannot be easily removed.
9. Extra pieces that go with your woodworking project (i.e. bean bags to go with a cornhole set, building blocks to go with a play table, etc) **SHOULD NOT** be submitted with the project.
10. The entry card, plans, and all other paperwork should be enclosed in a zip-top plastic bag with a hole punched through it and tied or otherwise secured to the project in some manner. Tape is usually not adequate to accomplish this.
11. Refinished/ repaired furniture will be a county fair class only.
12. Projects made from pre-cut kits are not allowed.
13. In judging woodwork articles, consideration will be given to Workmanship, including accuracy to the plan; Design; Choice of wood; Suitability and quality of finish; and Usefulness.
14. Firearms and weapons are not to be entered or exhibited at the fair.
15. New Kansas State Fair rule - Projects with "fractal burning" are NOT ALLOWED in any exhibits. (Example - electrical burning to make black linework on artwork.)

### **Article for Farm or Shop Use**

**Class 1440J** by 7-12 yr old member

**Class 1440S** by 13 and older member

### **Furniture for Household or Lawn Use**

**Class 1441J** by 7-12 yr old member

**Class 1441S** by 13 and older member

**Other Woodwork Articles not included in above classes** (examples: bird house, bird feeder, household equipment such as knife rack, breadboard, door stop, etc)

**Class 1442J** by 7-12 yr old member

**Class 1442S** by 13 and older member

*County Class only*

**Any Woodworking made from a kit**

**Class 1443J** by 7-12 yr old member

**Class 1443S** by 13 and older member

*County Class only*

### **Refinished/Repaired Furniture**

**Class 1444J** by 7-12 yr old member

**Class 1444S** by 13 and older member

### **Woodworking poster, notebook, display**

**Class 1445J** by 7-12 yr old member

**Class 1445S** by 13 and older member

## **Department 38 FFA Ag Mechanics**

1. All general regulations apply.
2. A 2-section card is required for each exhibit.
3. Members enrolled in project may enter (3) entries per class.
4. All entries must have been constructed or repaired within the past two years in the high school AG department by an agricultural education student and a bona fide Kansas FFA member and are younger than 19 by January 1<sup>st</sup> of the current year to be eligible to exhibit.
5. If one project is not essential to the operation of the others, then it will be considered and entered as two projects.
6. Exhibitor will furnish for each project: a project description, bill of materials including all purchased items, list of skills and safety features performed, hours worked on the project. (Pictures are encouraged.)
7. Entries can be constructed by individual or team.
8. Class 1424, repair project, will be farm tractors.
9. Class 1425, repair project, maybe field tillage, planting, harvesting, chemical application, livestock or crops handling equipment.
10. Repair project entries will be conference judged or a description of repairs made in the sequence given to the judge.
11. Repair projects having adequate original finish need not be repainted for exhibition.

**Class 1451 Large Project**

**Class 1452 Small Project**

**Class 1453 Micro Class Project**

**Class 1454 Tractor Repair**

**Class 1455 Machinery Repair**

## **DIVISION II 4-H/FFA LIVESTOCK**

### **PREMIUM SALE REQUIREMENTS**

Those interested in participating must have a checked-off and signed form turned in to the Fair Office or Extension Office **one hour after the last livestock show has ended. Superintendent list is due then also.** All requirements on the form must be met to be eligible to participate in the sale. The form is posted at [www.postrock.k-state.edu/4-h/county-fairs/jewellfair/](http://www.postrock.k-state.edu/4-h/county-fairs/jewellfair/). See page 9 for additional SALE REQUIREMENTS.

## **Department 40 BEEF**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment:** 18 jr; 9 sr

**6 awards:** overall bucket calf, overall breeding, overall market, overall showmanship, daily gain, carcass

1. Read general regulations and guidelines, pgs. 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Market beef classes determined by weight on entry day.
4. Superintendent discretion applies if necessary.
5. **No water buckets or tubs left in the stalls.** Animals will be either led to water or hand watered.

### **Females:**

Registered heifers must be identified with permanent tattoo corresponding to original registration papers. Papers need to be on file at the Extension Office by pre-fair deadline. Tattoo will be confirmed at fair check-in.

### **Breeding**

- a. **heifer calves** (dropped after September 1 of previous year)
- b. **heifer summer yearling and junior yearlings** (dropped between January 1 and August 31 of previous year)
- c. **heifer senior yearlings** (dropped between 9-1-22 & 12-31-22)
- d. **bred heifer**
- e. **cow** (dropped before August 31, 2022)
- f. **cow and calf** All beef breeding females will be shown in separate classes according to breed and age; indicate on entry card breed Hereford/Angus/ Crossbred/etc.) and weight.

### **Classes 2000**

#### **Bucket Calf**

1. Heifers and steers are eligible for exhibit.
2. Animals NOT eligible for exhibit if horns are present.
3. Bucket calf must be born after January 1, selected before 30 days old, and fed by bucket or bottle until weaned.
4. Members can exhibit one (1) bucket calf.
5. Judging will be based on what the youth has learned and accomplished; no consideration will be given to animal conformation or type.
6. Conference judging: 50% calf condition, 50% personal interview.
7. A champion and reserve champion will be selected in each class on the basis of total points. Rosette ribbons will be awarded to the champion and reserve champion; ties will be broken on the grooming score.
8. **Bucket calves are not eligible for jr. showmanship.**
9. All grooming should be done by the member:
  - calves should be clean.
  - professional clipping is discouraged.

**Class 2011 bucket calf – 7-9 year old youth**

**Class 2012 bucket calf – 10-12 year old youth**

#### **Market Heifers**

Superintendent will place animals into weight classes as animals are weighed.



### **Class 2014 market heifer**

A: lt wt B: med wt C: heavy wt

### **Market Steers**

Superintendent will place animals into weight classes as animals are weighed.

### **Class 2015 market steers**

A: lt wt B: med wt C: heavy wt

### **Stocker - Feeder**

1. Stocker-feeder animals are grown for meat production.
2. Animals are fed a growing ration.

### **Class 2020 stocker - feeder 350-600 pounds**

### **Class 2021 stocker - feeder 601-900 pounds**

### **Beef Carcass Contest**

Ribbon placing based on carcass information collected by ultrasound evaluation. Must have weighed in at both weigh in dates (early and fair).

### **Class 2022 beef carcass contest**

### **Beef Rate of Gain**

Ribbon placing is determined for weight gained by animal based on the Fair Board approved ranking scale. Refer to K-State Youth Livestock resources for recommended average rate of gain: <https://www.asi.k-state.edu/extension/youth-programs/education/educational-materials.html>.

### **Class 2023 beef rate of gain - market steer**

### **Class 2024 beef rate of gain - market heifer**

### **Beef Showmanship**

1. See general showmanship rules on page 10.

### **Class 2026 beef showmanship jr**

### **Class 2027 beef showmanship sr**

### **Beef Education**

All members are urged to exhibit an educational entry that promotes the beef industry - a poster (see page 11: poster criteria), 1-page report (include photo plus tell about project and what you have learned about beef), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry.

*(judged on Friday 9 a.m. in Quonset)*

### **Class 2029 beef poster**

### **Class 2030 beef report**

### **Class 2031 beef display**

### **Class 2032 beef stall decoration**

## **Department 41 Dairy Cattle**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment:** 0

**2 awards:** dairy champion, dairy showmanship

1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Dairy cattle will be exhibited in the cattle barn.

4. All dairy animals will be shown in separate classes according to breed and age; on entry card indicate breed: Brown Swiss, Holstein, Guernsey, Jersey, etc., or other.
5. Heifers less than two years old will compete for junior champion and reserve junior champion.
6. Top two animals in each class will compete for champion and reserve champion dairy animal.
7. Superintendent discretion applies if necessary.

**Classes 2035-2040 plus one of these designated letters:**

- A. **heifer calves**, born between Aug. 1, 2023-July 15, 2024
- B. **yearling heifers**, born between Aug. 1, 2022-July 31, 2023
- C. **2 year old**, born between Aug. 1, 2021-July 31, 2022
- D. **3 year old**, born between Aug. 1, 2020-July 31, 2021
- E. **aged cows**, born before July 31, 2020

### **Dairy Showmanship**

1. See general showmanship rules on page 10.

### **Class 2041 dairy showmanship jr**

### **Class 2042 dairy showmanship sr**

### **Dairy Education**

All members are urged to exhibit an educational entry that promotes dairy industry - a poster (see page 10: poster criteria), 1-page report (include photo plus tell about project and what you have learned about dairy), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry.

*(judged on Friday 9 a.m. in Quonset)*

### **Class 2043 dairy poster**

### **Class 2044 dairy report**

### **Class 2045 dairy display**

### **Class 2046 dairy stall decoration**

## **Department 42**

## **DAIRY GOATS**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment: dairy:** 1 jr, 2 sr;

**2 awards:** overall dairy goat, overall showmanship

1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Goats will be exhibited in the sheep/goat barn.
4. All goats will be shown in separate classes according to breed & age.
5. Superintendent discretion applies if necessary.

### **Class 2050 breeding doe**

### **Class 2051 nanny with kids**

*designate letter below with class number*

**A. does** born after January 1, 2024

**B. does** born between July 1 2023- December 31, 2023

**C. does** born between July 1, 2022 - June 30, 2023

**D. does** born before July 1 2022

### **Dairy Goat Showmanship**

See Department 44, for the Dairy and Meat Goat Showmanship classes as they are combined.

## Goat Education

All members are urged to exhibit an educational entry that promotes the goat industry - a poster (see page 11: poster criteria), 1-page report (include photo plus tell about project and what you have learned about goats), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry.

*(judged on Friday 9 a.m. in Quonset)*

**Class 2060 goat poster**

**Class 2061 goat report**

**Class 2062 goat display**

**Class 2063 goat stall decoration**

## Department 43 HORSES

**NOTE:** all education exhibits including stall decorations are judged Thursday, July 10, following the Halter and Performance Classes, all need exhibitor cards filled out.

**Enrollment:** 7 jr, 4 sr

**3 awards:** halter gelding, halter mare, overall showmanship

**Special Awards:** A gift card will be awarded to the overall winner of showmanship, reining & trail.

5. **High Point Belt Buckle:** High point belt buckle will be awarded to the rider and horse combination who accumulates the most points in **7 pre-selected classes**, including halter, showmanship, performance, education, speed events, costume, and stall decorations. Walk trot and leadline classes do not count for the high point calculation. **Exhibitors will select their classes on the pre-entry form.**

Point system for each ribbon received to determine the high point winner is as follows: Grand Champion-9 points; Reserve Champion-8 points; Purple-7 points; Top Blue-6 points; Blue-5 points; Red-4 points; White-3 points. The judge will place 1<sup>st</sup> through 4<sup>th</sup> places in each class to assist in breaking ties. High-point Champion and Reserve Champion will be awarded belt buckles.

1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Read Kansas 4-H Horse Shows and Events Handbook and Livestock rules.
4. If more than 50 horses are pre-entered, a maximum of 2 horses per exhibitor will be stalled; additional horses may be shown.
5. The standard age classification of horses: i.e. the age of a foal is determined as of January 1, in the year in which it is born. For example, a weanling is a foal of 2024 irrespective of which month it is born, a foal born in 2022 is a 3-year-old. *Only mares and geldings may be shown at halter and under saddle.*
6. Indicate horse breed, age, and sex on entry card. Fill out a stall identification card for each horse entered and post above the stall.
7. Tack: check *Kansas 4-H Horse Show Rule Book*, in case of inclement weather, the superintendents will announce any changes that will be permitted in dress.

8. NO stud horses will be allowed on the premises.

9. Superintendent discretion applies if necessary.

### Halter Classes Scoring Procedure:

50 % conformation

30% performance & way of going

20% manner, tractability, general condition.

On entry card indicate animal age: **A, B, C, D**

A. weanling B. yearling C. 2-3 year old D. 4+ years

### Filly or Mare

**Class 2100 A, B, C, D**

**Class 2101 champion filly/mare**, must earn blue in 2100- Receives Grand Champion ribbon and award if merited by judge.

### Gelding

**Class 2102 A, B, C, D**

**Class 2103 champion gelding**, must earn blue in 2102- Receives Grand Champion ribbon and award if merited by judge.

### Performance Classes

1. Instructions for classes are the in 4-H horse handbook.
2. Judge will choose reining pattern from Handbook and announce at beginning of Performance Classes.
3. Point system used for the horse department:  
5 points - purple, 4 points - 1<sup>st</sup> blue, 3 points blue, 2 points - red, one point - white, participation – 0.
2. Each member may enter a class only once. Although a single horse may be entered more than once by members of the same family, provided it is properly identified by both 4-H'ers.
3. Costume Class may be entered by any youth enrolled in the project. Any costume is welcome. The entry can be led or ridden into the arena, and any props or music that enhance the costume may be used. All exhibitors are asked to submit a pattern or plan of their costume presentation, and music must be submitted to the horse superintendent in advance. This class will be presented and judged on Friday, following the speed events.

**Class 2104 leadline** (7 yr. olds) (adult leads youth into arena)

**Class 2105 walk/trot**

**Class 2106 western pleasure - juniors**

**Class 2107 western pleasure – seniors**

**Class 2108 two-year-old snaffle bit western pleasure**

**Class 2109 western horsemanship- juniors**

**Class 2110 western horsemanship - seniors**

**Class 2111 trail**

**Class 2112 reining**

**Class 2113 costume class**

**Class 2114 hunter under saddle**

**Class 2115 English equitation**

### Speed Event Classes

1. The judge/superintendent will announce any tack or dress changes permitted that differ from the official Kansas 4-H Horse Show Rule Book.
2. The ribbons awarded are according to the rules starting on page 75 of the rule book.

- Exhibitors will be ranked from the fastest to the slowest times. Purple ribbons are awarded to the fastest times in each age group. The judge/superintendent has the final call on what color ribbons to award.

**Class 2116 key hole**

**Class 2117 pole bending**

**Class 2118 barrels**

**Horse Showmanship**

- See general showmanship rules on page 10.

**Class 2119 horse showmanship jr**

**Class 2120 horse showmanship sr**

**Horse Education**

All members are urged to exhibit an educational entry that promotes the horse industry - a poster (see page 11: poster criteria), 1-page report (include photo plus tell about project and what you have learned about horses), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry. All judged on Thursday following the performance classes.

**Class 2121 horse poster**

**Class 2122 horse report**

**Class 2123 horse display**

**Class 2124 horse stall decoration**

**Class 2125 horse speech**

**Department 44**

**MEAT GOATS**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment:** 17 jr, 2 sr

**5 awards:** overall market, overall showmanship, overall breeding, daily gain, carcass, catch-a-goat

- Read general regulations & guidelines on pgs 6-9.
- Approved showmanship apparel, see pg. 8.
- Goats will be exhibited in the sheep/goat barn.
- All goats will be shown in separate classes according to breed & age; market goats cannot be shown in breeding classes.
- Market goats must be wethers or does that have their milk teeth in place.
- For premium sale, the animal must gain a minimum of 10 pounds by entry at the county fair; the minimum sale weight is 55#.
- All market goats must be "slick shorn" with an equal amount of wool above the knee and hock.
- Members with catch-a-goats will compete in catch-a-goat, market lamb class, daily gain, carcass, and showmanship.
- Superintendent discretion applies if necessary.

**Class 2140 breeding doe**

~~**Class 2141 breeding billy**~~

**Class 2142 nanny with kids**

**Class 2143 market meat goat**

**Class 2144 other (Catch-a-goat)**

*designate letter below with class number*

**A. does** born after January 1, 2024

**B. does** born between July 1 2023- December 31, 2023

**C. does** born between July 1, 2022 - June 30, 2023

**D. does** born before July 1 2022

~~**E. billies** born August 1, 2022 - January 31, 2023~~

~~**F. billies** born February 1, 2023 - August 1, 2023~~

**G. market goat** born after February 1, 2024

**H. market goat** born before February 1, 2024

**Goat Showmanship (Dairy & Meat Goat)**

- See general showmanship rules on page 10.

**Class 2145 goat showmanship jr.**

**Class 2146 goat showmanship sr.**

**Goat Carcass Contest**

Ribbon placing based on carcass information collected by ultrasound evaluation. Must have weighed in at both weigh in dates (early and fair).

**Class 2147 goat carcass contest**

**Goat Daily Gain**

Ribbon placing is determined for weight gained by animal based on the Fair Board approved ranking scale. Refer to K-State Youth Livestock resources for recommended average daily gain rates: <https://www.asi.k-state.edu/extension/youth-programs/education/educational-materials.html>.

**Class 2148 goat daily gain - market goat**

**Goat Education**

All members are urged to exhibit an educational entry that promotes the goat industry - a poster (see page 10: poster criteria), 1-page report (include photo plus tell about project and what you have learned about goats), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry.

*(judged on Friday 9 a.m. in Quonset)*

**Class 2150 goat poster**

**Class 2151 goat report**

**Class 2152 goat display**

**Class 2153 goat stall decoration**

**Department 45**

**OTHER ANIMALS**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Identify species to superintendents**

**Enrollment:** 0

- Read general regulations & guidelines on pgs 6-9.
- Approved showmanship apparel, see pg. 8.
- Different animals will be shown in different classes.
- State breed, kind of animal on two-sectional card.

**Class 2161 other animal on halter**

**Department 46 POULTRY**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment:** 12 jr, 6 sr

**2 awards:** champion poultry, overall showmanship

1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Members enrolled in this project may exhibit three (3) entries per class.

4. Judging of classes 2170-2173 & 2178-2181 will be based on exhibition qualities as described in "*The American Standard of Perfection*," judging of class 2174-2177 will be done on the basis of production quality only.

5. Class 2183 birds qualify for premium sale, must weigh 3 lbs. Indicate breed and identification number on entry card; distinguish between breeds, list class number, then breed name.

6. Young bird is less than 1 year old; old bird is over 1 year old.

7. Superintendent discretion applies if necessary.

**Class 2170 standard breeds**, large fowl, one young bird, either sex

**Class 2171 standard breeds**, large fowl, one old bird, either sex

**Class 2172 standard breeds**, Bantams, one young bird, either sex

**Class 2173 standard breeds**, Bantams, one old bird, either sex

**Class 2174 production pullets**, (pen of 3) standard-bred, crossbred or strain-cross pullets to be judged on egg production qualities

**Class 2175 production hens**, (pen of 3) standard-bred, crossbred or strain-cross hens to be judged on egg production qualities

**Class 2176 dual-purpose pullets**, (pen of 3) such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

**Class 2177 dual-purpose hens**, (pen of 3) such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

**Class 2178 turkeys**, all breeds; one bird, either sex

**Class 2179 ducks, call or bantam**, all breeds, one bird, either sex

**Class 2180 ducks**, all breeds, one bird, either sex

**Class 2181 geese**, all breeds, one bird, either sex

**Class 2182 trio**, (pen of 3) any breed, any sex

### **Market Class Poultry**

**Class 2183** meat-type chickens, (pen of 3) same-sex for meat production qualities, minimum weight 3½ lbs., no maximum weight, eligible for premium sale

**County Class**, *not eligible for state fair:*

**Class 2184 Other Fowl**

### **Poultry Showmanship**

1. See general showmanship rules on page 10.

**Class 2185 poultry showmanship jr**

**Class 2186 poultry showmanship sr**

### **Poultry Education**

All members are urged to exhibit an educational

entry that promotes the poultry industry - a poster (see page 10: poster criteria), 1-page report (include photo plus tell about project and what you have learned about poultry), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry.

*(judged on Friday 9 a.m. in Quonset)*

**Class 2187 poultry poster**

**Class 2188 poultry report**

**Class 2189 poultry display**

**Class 2190 poultry cage decoration**

## **Department 47 RABBITS**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment:** 2 jr

**2 awards:** champion rabbit, overall showmanship

1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. The same rabbit can be shown in both a breed and a fur class.
4. Superintendent discretion applies if necessary.
  - A. **junior doe** - under six months of age
  - B. **6-8 month doe**
  - C. **senior doe** - eight months of age or over
  - D. **junior buck** - under six months of age
  - E. **6-8 month buck**
  - F. **senior buck** - eight months of age or over

### **Market Class**

**Class 2200 meat class**, (three rabbits), maximum weight 5 lbs. each, eligible for premium sale if average 3½ lbs

### **Breeding Rabbits**

**Class 2201 Angora**

**Class 2202 Standard Rex**

**Class 2203 French Lop Class 2204 Satin**

**Class 2205 Chinchilla**

**Class 2207 California**

**Class 2208 New Zealand White**

**Class 2209 Holland Lop**

**Class 2210 Mini Rex**

**Class 2211 Flemish Giant**

**Class 2212 Other** (list breed)

**Class 2213 Commercial** (crossbred)

### **Fur Contest**

**Class 2214 Fur**

### **Rabbit Showmanship**

1. See general showmanship rules on page 10.

**Class 2215 rabbit showmanship jr**

**Class 2216 rabbit showmanship sr**

### **Rabbit Education**

All members are urged to exhibit an educational entry that promotes rabbit industry - a poster (see page 10: poster criteria), 1-page report (include photo plus tell about project and what you have learned about rabbits), display (tabletop),

or stall decoration (enhance animal stall/tack area).  
Ribbon to each entry.

*(judged on Friday 9 a.m. in Quonset)*

**Class 2217 rabbit poster**

**Class 2218 rabbit report**

**Class 2219 rabbit display**

**Class 2220 rabbit cage decoration**

## **Department 48 SHEEP**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment:** 8 jr, 4 sr      **awards:** overall breeding, overall market, overall showmanship, daily gain, carcass, catch-a-lamb

1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Market lambs will be divided into classes when entered. X Light Weight animals (under 100 #) will be in the prospect class.
4. Members with catch-a-lambs will compete in catch-a-lamb, market lamb class, daily gain, carcass, and showmanship.
5. Superintendent discretion applies if necessary.

### **Pen of Three Market Lambs**

1. Lambs will be weighed and identified, daily gain will be figured, but not eligible for the regular daily gain contest.
2. Market lambs exhibited in clean short fleece, but not fitted and will be exhibited in pens.
3. Animals exhibited in a pen of three are separate animals from animals exhibited in individual competition.

**Market Lambs** (as animals entered, superintendent places in wt class)

**A. X lightweight B. Lightweight C. Medium weight**

**D. Heavyweight E. X heavyweight F. XX heavy wt**

**Class 2230 market lamb** (supt. adds qualifying letter)

**Class 2231 catch-a-lamb**

**Class 2232 prospect**

**Class 2233 pen of three**

### **Breeding Ewes**

All breeding ewes will be shown in separate classes according to breed and age. Indicate on entry form if animal is a **purebred** (list breed) or **Crossbred**. All commercial ewes (non-registered) must have an official Kansas 4- H/FFA ear tag.

**Classes 2234-2239** (followed by designated letter below)

**A. ewe lamb** (must be born on or after September 1, 2023)

**B. yearling ewe** (must be born on or between 9/1/22 & 8/31/23)

**C. ewe with lambs** (lambs must not be weaned)

### **Breeding Rams**

~~All rams must be purebred; all rams will be shown in~~

~~separate classes according to breed and age. Indicate on entry card the breed and age (birth date to be actual).~~

~~**Classes 2240-2241** (followed by designated letter below)~~

~~**A. Rams** born August 1, 2022 January 31, 2023~~

~~**B. Ram lambs** born February 1, 2023 August 1, 2023~~

## **Sheep Showmanship**

1. See general showmanship rules on page 10.

**Class 2242 sheep showmanship jr**

**Class 2243 sheep showmanship sr**

## **Sheep Daily Gain**

Ribbon placing is determined for weight gained by animal based on the Fair Board approved ranking scale. Refer to K-State Youth Livestock resources for recommended average daily gain rates: <https://www.asi.k-state.edu/extension/youth-programs/education/educational-materials.html>.

**Class 2244 sheep daily gain**

## **Sheep Carcass Contest**

Ribbon placing based on carcass information collected by ultrasound evaluation. Must have weighed in at both weigh-in dates (early and fair).

**Class 2246 Sheep Carcass**

## **Sheep Education**

All members are urged to exhibit an educational entry that promotes the sheep industry - a poster (see page 11: poster criteria), 1-page report (include photo plus tell about project and what you have learned about sheep), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry. *(judged on Friday 9 a.m. in Quonset)*

**Class 2247 sheep poster**

**Class 2248 sheep report**

**Class 2249 sheep display**

**Class 2250 sheep stall decoration**

## **Department 49 SWINE**

**NOTE:** all education exhibits including stall decorations are judged 9 a.m., Friday, July 11, all in Quonset (except stall décor), all need exhibitor cards

**Enrollment:** 10 jr, 9 sr

**3 awards:** overall breeding, overall market, overall showmanship, daily gain, carcass, catch-a-pig

1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Recommended beginning weight (on weigh date) for mkt are 70-100 lbs.
4. Market hogs will be divided into four weight classes. X Light Weight animals (under 220 #) will be in the prospect class.
5. Breeding classes divided according to breed.
6. Weigh-in time for market hogs is 8-10 a.m., July 7. Exhibitors should be present for weigh-in, or if unable, a family member.
7. Members with **catch-a-pig** will compete in catch-a-pig, market pig class, daily gain, carcass, and showmanship.



8. Superintendent discretion applies if necessary.

**Market Pig** (as animals entered, superintendent places in wt class)

**A. X light weight B. Light weight C. Medium weight D. Heavy weight E. X heavy weight**

**Class 2261 market pig** (followed by designated letter)

**Class 2262 catch-a-pig**

**Class 2263 prospect**

**Breeding:** classes divided into breeds/gilt's month of birth

**Class 2264-2267** recommended weight 180+ lbs.

**Sow and Litter**

**Class 2268** aged sow

**Class 2269** sow and litter (less than 8 weeks of age).

**Class 2270** pen of four from one litter (weaned)

**Swine Carcass Contest**

Ribbon placing based on carcass information collected by ultrasound evaluation. Must have weighed in at both weigh in dates (early and fair).

**Class 2272** swine carcass contest

**Swine Daily Gain**

Ribbon placing is determined for weight gained by animal based on the Fair Board approved ranking scale. Refer to K-State Youth Livestock resources for recommended average daily gain rates: <https://www.asi.k-state.edu/extension/youth-programs/education/educational-materials.html>.

**Class 2273** swine daily gain

**Swine Showmanship**

1. See general showmanship rules on page 10.

**Class 2274** swine showmanship jr

**Class 2275** swine showmanship sr

**Swine Education**

All members are urged to exhibit an educational entry that promotes swine industry - a poster (see page 10: poster criteria), 1-page report (include photo plus tell about project and what you have learned about swine), display (tabletop), or stall decoration (enhance animal stall/tack area). Ribbon to each entry.

*(judged on Friday 9 a.m. in Quonset)*

**Class 2276** swine poster

**Class 2277** swine report

**Class 2278** swine display

**Class 2279** swine stall decoration

**Department 50 Round Robin**

**Contest:** Sunday, July 13 at 10:00 a.m., covered arena

**2 Belt Buckles:** round robin champion, reserve champion

1. Two (2) showmanship competitors for each species will compete in the Round Robin competition. Overall Grand & Reserve Grand animals will be used in each species.
2. A list of finalists for the Round Robin Contest is to be compiled by superintendents and reported to the fair

office and extension agent. Only Grand and Reserve Champion showmen are eligible to compete in Round Robin. **Participant informational meeting 15 minutes after the goat show.**

3. The selected members will then compete in the Round Robin Contest on Sunday, July 14 in the covered arena.
  4. Youth must show the animal as designated by judge.
  5. In case a youth is selected to show in more than one class, youth must decide and inform superintendents which species they will show (may enter only one species).
  6. Judges will select a grand and reserve grand champion round robin showmanship champion.
  7. **No Bucket Calves allowed.**
- Class 2290** round robin

**Department 51 Livestock Judging**

**Contest:** Sun., July 13 – following the Round Robin, covered arena

**Awards:** 1 jr, 1 sr

This contest is governed by the Jewell County Fair Board. The contest is open to Jewell County 4-H and FFA members. An entry card is required at check-in.

Ribbon point guideline: 90% of points possible - purple, 80% - blue, 70% - red, 60% and under - white

**Class 2297** jr. livestock judging contest

**Class 2298** sr. livestock judging contest

## **DIVISION III - SCOUTS**

The following guidelines will apply to all exhibits entered by any girl or boy scout.

1. Any registered Scout in Jewell & surrounding counties may enter exhibits that have been made within past year, exception collections which may be entered more than once with new additions labeled and dated.
2. Classification based on 2023-24 school grade
3. Exhibits will be displayed in the Quonset.
4. Premiums: best of show \$2.50, blue \$2, red \$1.50, white \$1.
5. Scout may exhibit three (3) entries per class.
6. All food products must be exhibited on paper plates or covered cardboard of suitable size; use plastic bags, no plastic wrap. Recipe must be included.
7. Any exhibit that is intended to be hung must have a hanging device.
8. Pictures and photographs MUST be mounted and ready to hang.

**Department 52 BOY SCOUTS**

Class numbers will be same for division, designate age by adding a subdivision letter:

**BOYS:** T - Tiger Cub C - Cub W - Webelos

**Class 3000** ink, pencil, crayon, chalk, or misc. art

**Class 3001** Legos

**Class 3002** nature activity

**Class 3003** holiday decoration

**Class 3004** collection (stamps, shell, coin, etc.)

**Class 3005** collection (nature, rock, mineral, soil, bugs)

**Class 3006** safety, Emergency Preparedness

Class 3007 kit work  
 Class 3008 bird feeder or birdhouse  
 Class 3009 woodcraft  
 Class 3010 plaster casting  
 Class 3011 achievement plaques  
 Class 3012 ceramics  
 Class 3013 games or toys  
 Class 3014 puppet  
 Class 3015 plastic craft  
 Class 3016 leatherwork  
 Class 3017 weaving, braiding, macrame', basketry  
 Class 3018 model planes, cars, and trucks  
 Class 3019 model space age, ships  
 Class 3020 stitchery  
 Class 3021 masks  
 Class 3022 outdoor utensils  
 Class 3023 metalwork  
 Class 3024 bead craft  
 Class 3025 Indian lore, accessories  
 Class 3026 paper-mache  
 Class 3027 candles  
 Class 3028 wall decorations  
 Class 3029 individual scrapbook  
 Class 3030 pinewood derby cars  
 Class 3031 Genius art  
 Class 3032 blue and gold decorations  
 Class 3033 Christmas decorations  
 Class 3034 garden (4 varieties)  
 Class 3035 cookies-6 samples  
 Class 3036 bread (1 loaf) (quick or yeast)  
 Class 3037 candy - 6 samples  
 Class 3038 canned items (in standardized canning jars)  
 Class 3039 cakes (whole product, include recipe)  
 Class 3040 cupcakes - 6 samples  
 Class 3041 dried food  
 Class 3042 jams & jellies (include recipe)  
 Class 3043 miscellaneous (baked)  
 Class 3044 paper weight  
 Class 3045 neckerchief slide  
 Class 3046 neckerchief slide collection  
 Class 3047 mosaic  
 Class 3048 carving  
 Class 3049 craft sticks  
 Class 3050 first aid kit  
 Class 3051 collections, matchbook, baseball card  
 Class 3052 patch collection  
 Class 3053 kites - flat or other  
 Class 3054 knot board  
 Class 3055 rocketry  
 Class 3056 electrical project  
 Class 3057 tin can craft  
 Class 3058 wood furniture  
 Class 3059 photography  
 Class 3060 pioneering

**Troop Entries** judged on display, workmanship, development of theme, and denotes an activity or study with troop participation

Class 3061 troop scrapbook  
 Class 3062 troop project

## **Department 53 GIRL SCOUTS**

Class numbers will be same for division, designate age by adding a subdivision letter:

**GIRLS:** D - Daisy B - Brownie J - Junior C-Cadette  
 S - Senior

Class 3100 stamp printing  
 Class 3101 picture made from odds & ends  
 Class 3102 made from nature (pebbles, animals, corn husk, etc)  
 Class 3103 Christmas tree ornament  
 Class 3104 holiday decoration  
 Class 3105 centerpiece  
 Class 3106 hand molded articles (clay, paper mache, etc)  
 Class 3107 ceramic (commercial mold)  
 Class 3108 wood (carving or burning)  
 Class 3109 print (block, spatter, screen)  
 Class 3110 stencil  
 Class 3111 jewelry  
 Class 3112 drawing, mounted, original  
 Class 3113 painting, mounted, original  
 Class 3114 kit art work  
 Class 3115 photography, mounted, labeled  
 Class 3116 collage  
 Class 3117 handcraft weaving, basketry, or macrame  
 Class 3118 metal work (tin punch, etc.)  
 Class 3119 puppet  
 Class 3120 mop doll  
 Class 3121 flowers (silk or paper)  
 Class 3122 leather craft  
 Class 3123 toy (homemade)  
 Class 3124 latch hook (pillow, rug or wall hanging)  
 Class 3125 kitchen decoration (refrigerator magnet, etc.)  
 Class 3126 rubbing  
 Class 3127 miniatures (doll houses, furniture, etc.)  
 Class 3128 creative stitchery - kit work  
 Class 3129 creative stitchery, original  
 Class 3130 camp project made at day camp of current yr  
 Class 3131 creative writing

## **POSTER**

Class 3132 poster, other  
 Class 3133 theme for the year  
 Class 3134 educational  
 Class 3135 just-for-fun

## **HOMEMAKING (recipes are required)**

Class 3136 quick bread (1 loaf)  
 Class 3137 cookies (4 cookies)  
 Class 3138 cake/4 cupcakes, frosted or unfrosted  
 Class 3139 candy (4 pieces)  
 Class 3140 canning, must be in standardized jars (fruit, vegetables, jams, or jellies)

## **VEGETABLE GARDEN SAMPLES**

Class 3145 plate of 12 cherry tomatoes  
 Class 3146 plate of 5 tomatoes

Class 3147 plate of 5 onions, any variety  
 Class 3148 plate of 12 beans, green snap, yellow wax  
 Class 3149 plate of 5 beets  
 Class 3150 plate of 5 peppers,/mangoes  
 Class 3151 plate of 12 radishes  
 Class 3152 plate of 5 turnips  
 Class 3153 1 egg plant  
 Class 3154 1 pumpkin  
 Class 3155 1 cabbage  
 Class 3156 1 cantaloupe  
 Class 3157 1 squash  
 Class 3158 1 watermelon  
 Class 3159 5 red potatoes, variety named  
 Class 3160 5 white or russet potatoes, variety named  
 Class 3161 5 sweet potatoes, variety named  
 Class 3162 plate of 5 cucumbers  
 Class 3163 5 ears of sweet corn  
 Class 3164 plate of 12 strawberries

### TEXTILE ARTS

Class 3170 camp accessories (cap, sit-upon, etc.)  
 Class 3171 sewing, small item (apron, bags, pillows, etc.)  
 Class 3172 sewing, dress, skirt  
 Class 3173 sewing, pants, slacks, culottes, shorts  
 Class 3174 sewing, top, blouse, shirt  
 Class 3175 sewing, tailored - coat, suit, blazer  
 Class 3176 needlecraft (embroidery, cross-stitch, plastic canvas)  
 Class 3177 creative stitchery, original pattern  
 Class 3178 knitting  
 Class 3179 crochet

### GENERAL

Class 3185 collection, mounted & labeled (stamps, rocks, insects)  
 Class 3186 individual scrapbook (all badge work activities)

**Troop Entries** judged on: general appearance, display, workmanship, and development of a theme, should show activity or study participated by troop

Class 3187 troop project  
 Class 3188 troop scrapbook

## DIVISION IV - OPEN CLASS

### Quonset Department Superintendents:

Check-in entries 7:00-8:00 a.m.

Quilts must be checked-in on **Tuesday, July 8 at Mankato Community Center** at 9:00 a.m. Judging will begin at 9:30 a.m. Quilt exhibitors are invited to observe the quilts being judged and are to take their quilts home on Tuesday. Quilts must be brought to the Quonset on the fairgrounds and checked in on **Friday, 7/11 7:30- 9:00 a.m.** Check-out time for all exhibits in the Quonset starts at **4:30 p.m.** on Sunday, July 13.

## OPEN CLASS GENERAL RULES

**Apply to all Division III departments;** *specific department rules will be listed under each department heading*

1. All general fair rules, general award guidelines, and general livestock/animal guidelines apply. See front part of fairbook.
2. Any resident of Jewell or an adjoining county (Cloud, Mitchell, Osborne, Smith, Republic, Nuckolls, and Webster) may exhibit in any open class department; no pre-entry is required. Open class exhibits must have been completed or grown since the 2024 Jewell County Fair.
3. Exhibitors not wanting an entry judged may designate "for display only".
4. Open class entries are to be checked in **Thursday, July 10, 5:00-6:00 p.m.** OR **Friday, July 11, 7:30-8:30 a.m.** in the Quonset (exception for quilts and foods). Late entries will be dropped one ribbon placing. Each exhibit must have a 2-sectional entry card.
5. Exhibits evaluated on appearance, appropriateness, design, material, workmanship, neatness of work, and finish on both sides.
6. Each department will be assigned a judge to evaluate entries and based upon the quality of the exhibit and if worthy, will award a blue, red, or white ribbon to each exhibit; judging is not by conference and exhibitor is not to converse with the judge during exhibit judging.
7. A premium will be paid based upon ribbon placing **(exhibitor may designate ON ENTRY CARD to donate premium to the fair).**
8. A Best of Show rosette may be awarded to the best blue entry in each category as the judge chooses.
9. Exhibits will remain on display until Sun. 7/13, then released at **4:30 p.m.**
10. Every department has a ***Something Old - Renewed- Recycled*** category for exhibitors to enter an old item that has been repaired or restored in some manner. The exhibitor must have completed some part of the restoration.

### Ribbon Premium Guidelines

Exhibitors will be paid premium money on the basis of ribbons awarded: \$2.50 - rosettes \$2.00 - blue  
\$1.50 - red \$1.00 white

### **There are no youth or adult age divisions.**

**E - Expert:** Anyone who instructs, sells, or has exceptional skills may choose to exhibit as an expert. Simply add the letter E to the exhibitor number.

**G - General** Any age exhibitor residing in Jewell or adjoining counties.

## **Department 54                      Industrial Arts**

1. Exhibitors may exhibit five (5) entries per class.
  2. 2-sectional exhibit card is required per entry.
- Class 4001 **Metal Work, any**  
Class 4002 **Wood Work, any**  
Class 4003 **From the Scrap Pile, any** functional or non-functional item  
Class 4004 **Something Old / Renewed / Recycled, any old item** (exhibitor must do part of the restoration)

## **Department 55                      Field Crops**

1. All crops exhibited as harvested grain may be cleaned with a seed cleaner, but not handpicked.
  2. Display grain samples in a quart jar.
  3. List variety or hybrid name/number.
  4. Exhibitors may exhibit five (5) entries per class.
  5. 2-sectional exhibit card is required per entry.
- Class 4140 **Barley** bundle (3" sample) or grain sample (quart)  
Class 4141 **Corn** (husks on, one side open) field / sweet corn (5 ears) popcorn (10 ears)  
Class 4142 **Hay** 6" flake standard bale or 10" cut section round bale, alfalfa, bromegrass, native grass  
Class 4143 **Oats** bundle (3" sample) or grain sample (quart)  
Class 4144 **Other Crops** bundle (3" sample) or grain sample (quart)  
Class 4145 **Sorghum, any** (5 entire stalks cut near the ground, no roots, tie twice with twine, once near the heads and once near the base or grain, 1 quart)  
Class 4146 **Soybeans** (10 green plants, roots tied into bundle or grain, 1 quart)  
Class 4147 **Sunflowers, any** tame (3 heads), grain sample (quart), largest tame (sunflower head), tallest tame (sunflower stalk), tallest wild (sunflower stalk)  
Class 4148 **Wheat, any**, hard red or white bundle (3" sample) or hard red or white grain sample (quart)  
Class 4149 **Special Crop**, any grain sample (quart)  
Class 4150 **Exhibition** any other exhibit

## **Department 56                      Garden**

1. Refer to the 4-H Garden Display guide, available at Extension Office to prepare exhibits.
2. Canned items, shelled vegetables may not be entered.
3. Choose vegetables for exhibit that will hold up well during the fair; avoid overripe or over-mature

specimens; slightly under-ripe or slightly immature when picked may last longer.

4. Number of vegetables to exhibit: large vegetable-1 medium vegetable-4 small vegetable-5
5. Exhibitors may exhibit five (5) entries per class.
6. 2-sectional exhibit card is required per entry.

**Garden display** - to consist of the required number of different fresh fruits and/or vegetables, only one variety of specific vegetables may be exhibited

Class 4175 **small vegetable display**, at least 3 different vegetables, must include a large, medium, and small vegetable class

Class 4176 **large vegetable display**, 5 or more different vegetables, must include: 1 large, 1 medium, and 1 small vegetable class, plus exhibitor's choice of 2 additional vegetable classes

Class 4177 **small fruit display**, 3 or more different fruit classes

Class 4178 **large fruit display**, 5 or more different fruit classes

Class 4179 **miscellaneous garden display**, exhibitor's choice of any combination of vegetable or fruit classes

Class 4180 **fruit/vegetable combination display**, at least 3 different fruits and 3 different vegetables

Class 4181 **Large vegetables** (1 specimen)

broccoli, cabbage, cantaloupe, cauliflower, eggplant, pumpkin, summer squash, watermelon, winter squash, zucchini squash

Class 4182 **Medium vegetables** (4 specimen) bell peppers; cucumbers (6+"); red, yellow or white onions; red or white potatoes; sweet corn; tomatoes; turnips

Class 4183 **Small vegetables** (5 specimen) beans, beet, carrots, cherry tomatoes, cucumbers (less than 6"), okra, other peppers, gourd, herbs

Class 4184 **Fruits** apples (10), berries (5), crab apples (10), grapes (10), peaches (5), pears (5), plums (10), rhubarb (3 stalks, tops off)

Class 4185 **Herb** any specimen

## **Department 57                      Floriculture**

1. Refer to flower show handbook, extension office.
  2. Enter flowers in a clear glass container. No foliage in water.
  3. All house plants must be potted and in exhibitor's possession at least 60 days.
  4. All blooming house plants must be in bloom.
  5. No artificial foliage or flowers are allowed in plant.
  6. Exhibitors may exhibit five (5) entries per class.
  7. 2-sectional exhibit card is required per entry.
- Class 4230 **Coneflower, any**  
Class 4231 **Coreopsis, any**  
Class 4232 **Cosmos, any**

Class 4233 **Dahlia, any**  
 Class 4234 **Daisy, any**  
 Class 4235 **Gaillardia, any**  
 Class 4236 **Gladioli, any**  
 Class 4237 **Hollyhock, any**  
 Class 4238 **Lily, any**  
 Class 4239 **Marigold, any**  
 Class 4240 **Pansy, any**  
 Class 4241 **Petunia, any**  
 Class 4242 **Phlox, any**  
 Class 4243 **Pinks, any**  
 Class 4244 **Rose, any**  
 Class 4245 **Snapdragon, any**  
 Class 4246 **Sunflower, any**  
 Class 4247 **Zinnia, any**  
 Class 4248 **Misc. Flower, any**  
 Class 4249 **Cacti, any**  
 Class 4250 **Succulents, any**  
 Class 4251 **Blooming Plant, any**  
 Class 4252 **Non-blooming Plant, any**  
 Class 4253 **Hanging Plant, any**  
 Class 4254 **Bouquet** with fresh plant materials  
 Class 4255 **Bouquet** all-natural self-dried plant materials (*no purchased materials*)

## Department 58 Foods

**NOTE: Check-in: 9:30 a.m. Judging at: 10:00 a.m. Tuesday morning, July 8 at Mankato Community Center. A sample will be kept for display during the county fair in the Quonset.**

1. Place exhibit on covered cardboard of suitable size in a clear plastic bag; do not use plastic wrap.
2. Commercial mixes may be used only as an ingredient in a special recipe; entries made solely from a commercial mix will not be allowed.
3. Exhibitors may exhibit five (5) entries per class.
4. 2-sectional exhibit card is required per entry.

### Exhibitors - Please bring 3 extra smaller items

(cookies, cupcakes, muffins) to increase the number of food sale items. **There will be a Bake Sale this year.**

### Cookie definitions:

**dropped:** dropped by spoonful onto cookie sheet

**bar:** spread into baking pan and cut when cool

**molded:** rolled into a ball, pressed with glass or fork

**rolled:** rolled with a rolling pin and cut into shapes

**pressed:** shapes formed with a mechanical cookie press

**filled:** any cookie with a filling

**icebox:** wrapped in waxed paper, chilled, sliced, baked

Class 4335 **Cakes, any**

Class 4336 **Decorated Cake, any** (may use forms, only decoration judged, need not be covered)  
 Class 4337 **Candy, any** (4 pieces per class)  
 Class 4338 **Cookies, any** (six (6) cookies per class)  
 Class 4339 **Pies, any** (2-crust, 8" or 9") (judged on appearance, texture, and flavor of crust & filling)  
 Class 4340 **Quick Breads, any** (1 loaf)  
 Class 4341 **Muffins, any** (4)  
 Class 4342 **Biscuits, any** (4)  
 Class 4343 **Yeast Bread, any** (4" x 8" or 5" x 9")  
 Class 4344 **Yeast Rolls, any** (6 rolls)  
 Class 4345 **Bread Machine Bread, any** (1 loaf)

### Score cards:

Cakes with Shortening (loaf or layer)	
appearance	10
lightness	15
crust or frosting	10
crumb	30
flavor	<u>35</u>
	100

Decorated Cakes	
artistic value	10
appearance	20
color combination	20
difficulty	20
originality	15
suitable design	<u>15</u>
	100

Angel Food & Chiffon Cakes	
appearance	10
lightness	20
crust	5
crumb	35
flavor	<u>30</u>
	100

Bread	
appearance	5
lightness	15
crust	10
crumb	35
flavor	<u>35</u>
	100

### COMMISSIONERS' COOKIE JAR

1. Fill a clear glass or clear plastic, gallon jar decorated using the county fair theme "*Footloose at the Fair*" with an assortment of *at least* five (5) different varieties of cookies visible with at least 25 cookies total.
2. Evaluation is 25% decorated jar, 75% selection of cookies.
3. A sample of each variety of cookie is to be identified and individually wrapped with clear plastic and placed in a flat box for the judge to evaluate.
4. Exhibit may be an individual or group entry.
5. Exhibitor will present winning Cookie Jar to County Commissioners during Fashion Revue on Sun., July 13 at 6:00 p.m.
6. 2-sectional entry card is required for each exhibit.

Class 4346 **Commissioners' Cookie Jar**

### TREASURER'S COOKIE TIN

1. Arrange a collection of any three (3) different cookie classes, (total of 18 cookies) in a tin decorated using



the fair theme "*Footloose at the Fair*".

2. The sample of the cookie exhibited as individual entry will be used by the judge during judging of the cookie tin. Any product included in the cookie tin that has not been judged as an individual entry, must have a sample for the judge to taste.
  3. Evaluation will be 25% for cookie tin and 75% for selection of cookies.
  4. Each kind of cookie must be individually wrapped and identified for the judge.
  5. Exhibitor of the winning Cookie Tin will present the cookie tin to Jewell County Fair Treasurer Lesa Peroutek during the Fashion Revue Sunday, July 13 at 6:00 p.m.
  6. 2-sectional entry card is required for each exhibit.
- Class 4347 Fair Treasurer's Cookie Tin**

### **BREAD SCULPTURES**

1. This is a Kansas State Fair Contest.
2. Bread sculpture may be constructed from frozen dough or yeast dough made from scratch.
3. Bread sculptures will not be tasted.
4. Seeds, herbs, and other edible decorative toppings and icings may be used.
5. Must submit a typed, detailed recipe including shaping instructions with step by step photos or sketches on an 8 1/2" x 11" paper with name and address in the lower-left corner (will be covered prior to judging). Include age for youth entries.
6. No size restrictions; for small individual sculptures, 6 should be entered. (ex: bunnies, turtles)
7. All sculptures must be received on a sturdy, disposable plate, board, or tray and will remain on display throughout the fair.
8. For examples and ideas, visit <http://www.homebaking.org/PDF/doughsculpting%20online.pdf> or <http://nationalfestivalofbreads.com/recipes/bread-shaping-0>.

#### **Class 4348 Bread Sculpture**

**Table Setting with Menu** (on 4"x 6" card: write menu to be served with table setting) criteria: menu selection, appropriateness of place setting. Bring your own card table.

#### **Class 4349 Table Setting**

### **Food Preservation Guidelines**

1. No colored jars can be used.
2. All preserved entries jellies, fruits, vegetables, including tomatoes, pickles, relishes, and canned

meats, must have been processed following USDA recommended methods. Information is available at the Extension Office. Open kettle canning method is not acceptable.

3. Judged on quality of product, preservation, and pack.
4. Canned products must be exhibited in standard half-pint, pint, or quart jars. Jars must have screw rings. All space except proper headspace should be filled.
5. Exhibit one jar unless otherwise specified.
6. All canning entries must use fresh products and have been canned after Aug 1, 2024.

**Class 4515 Jams, any**

**Class 4516 Jellies, any**

**Class 4517 Preserves and Butters, any**

**Class 4518 Collection of 3 kinds, any jams, jellies, preserves or butters**

**Class 4519 Canned Fruits, any**

**Class 4520 Collection of 3 kinds, any fruits**

**Class 4521 Canned Meats, any**

**Class 4522 Canned Vegetable, any**

**Class 4523 Collection of 3 kinds, any vegetable**

**Class 4524 Dried Foods, any**

**Class 4525 Pickles and Relish, any**

**Class 4526 Collection of pickles or relish (3 kinds)**

**Class 4527 Sauces, any**

**Class 4528 Collection of 3 different sauces**

### **Bake sale:**

**2:00 p.m. Tuesday, July 8**

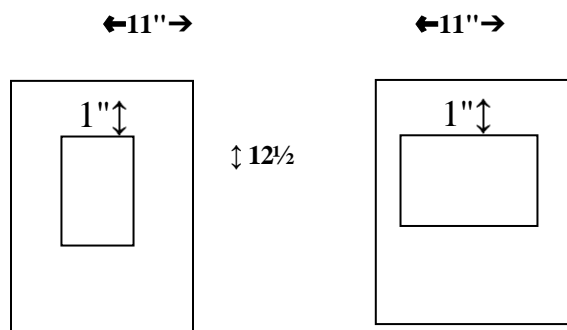
All food preparation exhibits ARE SOLD after being judged. **No food preservation can be sold.**

### **Department 59 PHOTOGRAPHY**

1. Enlargements must be 5"x7" to 8"x10".
2. Remove white border from the photo print before mounting.
3. Enlargements are to be permanently mounted on a white or complementary color mat, across the narrow dimension of a studio mount.
4. Permanent adhesive recommended. Do not use rubber cement; it does not withstand county fair conditions. Exhibits are to be matted but not framed
5. Exhibitors may enter five (5) entries per class.
6. 2-sectional card required per entry.
7. Bring entry in a self-sealing, clear plastic bag (available at extension office).
8. Photos are to be **mounted with the top edge of the print 1" below the top of the mount; the sides of the print must be equal distance from the two sides of the mount.**

### **See mounting diagram:**

**Photo mat MUST BE VERTICAL**



### Enlargements

(at least 5" x 7" to 8"x10")

- Class 4830 **any animal**
- Class 4831 **any building**
- Class 4832 **any black/white**
- Class 4833 **any flowers**
- Class 4834 **any landscape**
- Class 4835 **any subject**
- Class 4836 **any people**
- Class 4837 **Jewell County Commissioner's Best of Show Award**
- Class 4838 **Computer**, any enhanced or manipulated photo
- Class 4839 **Any Other Photo**

### Snapshots (3"x5" or 4"x6")

- Class 4840 **photo story** (3-5 snapshots)
- Class 4841 **photo series** (3-5 snapshots)
- Class 4842 **favorites** (one: animal, building, landscape & people, 3"x5" only)

- Class 4843 **Something Old / Renewed, any type of old photograph** (exhibitor must do part of the restoration, original photo must be included)

## Department 60 Quilting

**Check in: 9:00 a.m.**

**Judging at: 9:30 Tuesday morning, July 8 at Mankato Community Center. All quilts will be displayed during the county fair in the Quonset.**

1. Exhibitors may enter five (5) entries per class.
2. 2-sectional card is required per entry.
3. Exhibits must be completed in the past year.
4. Exhibits judged at Mankato Community Center.
5. Exhibitors welcome during judging.
6. Exhibits to be taken home after judging.
7. Exhibits must be checked in **Thursday, 7/10 (5:00-6:00 p.m.) or Friday, 7/11 (7:30-8:30 a.m.) at the Quonset for display during the county fair.**

- Class 4860 **Hand Quilted, any**
- Class 4861 **Machine Quilted, any**
- Class 4862 **Hand Quilted by a Second Party, any**

- Class 4863 **Machine Quilted by a Second Party, any**
- Class 4864 **Hand Quilted Small Items, any**
- Class 4865 **Machine Quilted Small Items, any**
- Class 4866 **Something Old / Renewed / Recycled, any type of old quilt or quilted item** (exhibitor must do part of the restoration)
- Class 4867 **for display only, any quilted item**

## Department 61 Sewing & Fiber Arts

1. All hangings must be matted or framed and ready for hanging.
2. Exhibitors may enter five (5) entries per class.
3. 2-sectional card is required per entry.

### CROCHET

- Class 4931 **Afghans, any**
- Class 4932 **Items, any**
- Class 4933 **Sweaters/Vests, any**
- Class 4934 **Something Old / Renewed / Recycled, any old item** (exhibitor must do part of the restoration)

### KNITTING

- Class 4941 **Afghans, any**
- Class 4942 **Items, any**
- Class 4943 **Sweaters/Vests, any**
- Class 4944 **Something Old / Renewed / Recycled, any old item** (exhibitor must do part of the restoration)

### NEEDLEWORK

- Class 4950 **Applique, any**
- Class 4951 **Crewel / Needlepoint, any**
- Class 4952 **Cross and Counted Stitch, any**
- Class 4953 **Cutwork, any**
- Class 4954 **Embroidery, any** (hand or machine)
- Class 4955 **Tatting, any**
- Class 4956 **Other Hand and Machine Work, any**
- Class 4957 **Something Old / Renewed / Recycled, any type of old item** (exhibitor must do part of the restoration)

### SEWING

- Class 4962 **Serger Made Garment, any**
- Class 4963 **Machine Made Garment, any**
- Class 4964 **Repaired / Mended, any item**
- Class 4965 **Non-wearable, any item**
- Class 4966 **Something Old / Renewed / Recycled, any type of old sewn item** (exhibitor must do part of the restoration)

## Department 62 Visual Arts

1. Exhibitor may exhibit five (5) entries per class.
2. 2-sectional exhibit card is required per entry.

## CRAFTS

- Class 4970 **Ceramic Craft** *ceramic, pottery, porcelain*  
Class 4971 **Fabric Craft** *made from fabric*  
Class 4972 **Fair Theme, any item**  
Class 4973 **Miscellaneous Craft** *any other materials*  
Class 4974 **Paper Craft** *made from paper*  
Class 4975 **Wood Craft** *items made using wood*  
Class 4976 **Something Old / Renewed / Recycled, any old item** (exhibitor must do part of the restoration)

## FINE ARTS

- Class 4981 **Acrylic, any**  
Class 4982 **Charcoal, any**  
Class 4983 **Crayon, any**  
Class 4984 **Ink, any**  
Class 4985 **Mixed Media, any**  
Class 4986 **Oil, any**  
Class 4987 **Pastel, any**  
Class 4988 **Pencil /Colored Pencil, any**  
Class 4989 **Tempera, any**  
Class 4990 **Watercolor, any**  
Class 4991 **Something Old / Renewed / Recycled, any old item** (exhibitor must do part of the restoration)

## DIVISION V

### Open Class LIVESTOCK

Guidelines on pages 6-9 apply, open class animals will be judged immediately following completion of 4-H/FFA judging; Open Class Departments must follow same guidelines as 4-H/FFA departments.

#### Department 63 open class BEEF

Class 5020-5040 (plus one of the designated letters below)

- A-light weight B-medium weight C-heavy weight  
A. heifer calves (dropped after Sept 1 of previous yr)  
B. heifer summer yearling and junior yearlings (dropped between Jan 1 & Aug 31 of previous yr)  
C. heifer senior yearlings (dropped 9-1-23 & 12-31-23)  
D. bred heifer  
E. cow (dropped before August 31, 2023)  
F. cow and calf

#### MARKET STEERS

Class 5125 market steers

## MARKET HEIFERS

Class 5129 - Market Heifer

A-light weight B-medium weight C-heavy weight

## STOCKER-FEEDER

1. animals are grown for meat production
2. animals are fed a growing ration

Class 5140 - animals weighing 350-600 pounds

Class 5141 - animals weighing 601-900 pounds

## BUCKET CALF

Class 5142 -Bucket Calf

#### Department 64 open class DAIRY

Classes 5150-5165 (plus one of the designated letters below)

- A. heifer calves, born Aug 1, 2024-July 1, 2025  
B. yearling heifers, born between 8-1-23 - 7-31-24  
C. 2 year old, born between 8-1-22 - 7-31-23  
D. 3 year old, born between 8-1-21 - 7-31-22  
E. aged cows, born before July 31, 2021

#### Department 65 open class GOATS

Classes 5170-5178 (plus one of the designated letters below)

- A. does born after January 1, 2025  
B. does born between July 1, 2024 - Dec 31, 2024  
C. does born between July 1, 2023 - June 30, 2024  
D. does born before July 1, 2023  
E. goat wethers born after February 1, 2024  
F. goat wethers born before February 1, 2024

#### Department 66 open class HORSES

A. weanling B. yearling C. 2-3 year old D. 4+ years

#### Filly or Mare

Class 5200 A, B, C, D

Class 5201 champion filly/mare

(must receive blue in class 5200)

#### Geldings

Class 5202 - A, B, C, D

Class 5203 champion gelding

(must receive blue in class 5202)

#### Performance Classes

Class 5219 leadline (5 -7 yr. olds)

(adult leads youth into arena)

Class 5220 walk/trot

Class 5221 western pleasure - youth

Class 5222 western pleasure - adult

Class 5223 two yr old snaffle bit western pleasure

Class 5224 western horsemanship- youth

Class 5225 western horsemanship- adult

Class 5226 trail

Class 5227 reining

Class 5228 pole bending

Class 5229 barrels

Class 5230 key hole  
Class 5231 costume class  
Class 5232 mules, halter class

#### English Classes

Class 5238 - Hunter Under Saddle - Any Age  
Class 5239 - English Equitation

#### Department 67 open class OTHER ANIMALS

Class 5244 other animal on halter

#### Department 68 open class PETS

Pets Show, Friday, July 12, following the  
Poultry/Rabbit Show  
Class 5260 pets show & tell

#### Department 69 open class POULTRY

Class 5278 standard breeds, lg fowl, one young bird,  
either sex

Class 5279 standard breeds, large fowl, one old bird,  
either sex

Class 5280 standard breeds, Bantams, one young  
bird, either sex

Class 5281 standard breeds, Bantams, one old bird,  
either sex

Class 5282 production pullets, pen of 3 standard  
bred, crossbred or strain-cross for egg production  
qualities

Class 5283 production hens, pen of 3, standard-bred,  
crossbred or strain-cross for egg production qualities

Class 5284 dual purpose pullets, pen of 3 (such as  
Rhode Island Reds, New Hampshire, Plymouth Rocks,  
etc.)

Class 5285 dual purpose hens, pen of 3 (such as  
Rhode Island Reds, New Hampshire, Plymouth Rocks,  
etc.)

Class 5286 turkeys, one bird, either sex

Class 5287 ducks, call or bantam, all breeds, one bird,  
either sex

Class 5288 ducks, all breeds, one bird, either sex

Class 5289 geese, all breeds, one bird, either sex

Class 5290 other fowl

#### MARKET CLASS

Class 5291 - meat-type chickens, pen of 3, same sex  
for meat production qualities., minimum weight 3½ #,  
no max weight

#### Department 70 open class RABBITS

Class number and the proper letter on entry card.

A. junior doe - under six months of age

B. 6-8 month doe

C. senior doe - eight months of age or over

D. junior buck - under six months of age

E. 6-8 month buck

F. senior buck - eight months of age or over

#### MARKET CLASS

Class 5300 - meat class - (three rabbits), max wt 5 # each

#### BREEDING CLASS

Class 5301 Angora

Class 5302 Standard Rex

Class 5303 Satin

Class 5304 French Lop

Class 5305 Chinchilla

Class 5306 California

Class 5307 Dutch

Class 5308 New Zealand White

Class 5309 Other (list breed)

Class 5310 Commercial (crossbred)

Class 5311 Fur

Class 5312 Holland Lop

Class 5313 Mini Rex

Class 5314 Flemish Giant

#### Department 71 open class SHEEP

##### MARKET LAMBS

A: X light wt B: light wt C: medium wt

D: heavy wt E: X heavy wt F: XX heavy wt

Class 5330 market lamb

Class 5333 pen of three

##### BREEDING EWES

Classes 5345-5360 (followed by designated letter below)

A. ewe lamb (must be born on or after Sept 1, 2024)

B. yearling ewe (must be born on or between 9/1/23  
and 8/31/24)

##### BREEDING RAMS

A. Rams born August 1, 2023-January 31, 2024

B. Ram lambs born February 1, 2024 - Aug 1, 2024

C. Classes 5361-5364 (followed by designated letter above)

#### Department 72 open class SWINE

Market Pig

(use letter to designate weight)

A-heavy wt, B-medium wt, C-medium light

wt, D -light wt

Class 5380 market pig

Breeding Classes -divided into breeds or gilt's month  
of birth

Class 5390-5395 - recommended wt 180+ lbs.

Sow and Litter

Class 5397 aged sow

Class 5398 sow and litter (less than eight weeks of age)

Class 5399 pen of four from one litter (weaned)

#### Department 73 SHOWMANSHIP CONTEST

See page 10 for Open Class Showmanship rules.

## **BEEF**

**Class 5411 - general division**

**Class 5412 - expert division** (professional)

**Class 5413 - peewee**

## **DAIRY**

**Class 5414 - general division**

**Class 5415 - expert division** (professional)

**Class 5416 - peewee**

## **GOATS**

**Class 5417 - general division**

**Class 5418 - expert division** (professional)

**Class 5419 - peewee**

## **DOG**

**Class 5420 - general division**

**Class 5421 - expert division** (professional)

## **HORSE** Showmanship-at-Halter Classes

**Class 5423 - general division**

**Class 5424 - expert division** (professional)

## **OTHER ANIMAL**

**Class 5425 - general division**

**Class 5427 - expert division** (professional)

## **POULTRY**

**Class 5428 - general division**

**Class 5430 - expert** (professional)

## **RABBITS**

**Class 5432 - general division**

**Class 5433 - expert division** (professional)

## **SHEEP**

**Class 5435 - general division**

**Class 5436 - expert division** (professional)

**Class 5437 - peewee**

## **SWINE**

**Class 5438 - general division**

**Class 5439 - expert division** (professional)

**Class 5440 - peewee**

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Kansas State University Agricultural Experiment Station and Cooperative Extension Service

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**Open Class Exhibitor Numbers (If you do not have a number, call the Extension Office.)**

44	Abel-Diehl, Susan	256	Bruns, Jace	865	Fleming, Kyle	497	Huntsinger, John
906	Adams, Kendra	241	Bruns, West	52	Fleming, Ruth	460	Huntsinger, Lynette
842	Adams, Syndee	872	Buckland, Alice	344	Franco, Sandra	345	Irwin, Austin
192	Alexander, Alana	122	Burks, Braden	242	Freeman, Kathy	963	Jackson, Harley
480	Alvarez, Alexander	828	Buser, Kathy	863	Frost, Bev	150	Jeffery, Colleen
957	Alvarez, Dena	342	Buser, Nancy	469	Frost, Blaine	917	Jeffery, Regina
203	Alvarez, Ramon	68	Cady, Jayce	329	Frost, Danica	990	Johnson, Donna
211	Anderson, Amanda	257	Cady, Jenna	55	Frost, Devyn	119	Jones, Mark
900	Anderson, Jerry	97	Cady, Jillyan	213	Frost, Leta	220	Jones, Paula
277	Anderson, Juretta	134	Cady, Julie	306	Frost, Vanessa	296	Jones, Quinten
888	Anderson, Lance	827	Cluck, Boone	264	Frost, Whitley	302	Kemmerer, Jan
275	Angleton, Ava	140	Cockroft, Elaine	184	Fuller Sara	303	Kemmerer, Joel
846	Angleton, Mandi	478	Cockroft, Haylee	808	Fuller, Haylee	209	Kemmerer, Justin
	Athena Jr. Woman's	56	Cockroft, Jacob	852	Fuller, Jamey	883	Kemmerer, Kriesy
340	Club	202	Cockroft, Karen	824	Fuller, Myka	130	Kennedy, Austin
127	Atwood Farms	155	Coil, Myles	856	Fuller, Tenley	112	Knight, Lundyn
923	Atwood, Duane	16	Coil, Savannah	132	Gardner, Dianne	498	Koester, Don
225	Atwood, Roy	421	Colson, Ann	833	Gardner, Nicolas	840	Koss, Kendall
832	Badger, Aundrea	484	Colson, Chance	831	Gardner, Sonya	867	Koster, Sherry
23	Baetz, Godric	113	Colson, Dallasen	851	Garst, Eric	30	Kussman, Haley
22	Baetz, KaAnn	92	Colson, Logan	145	Gilbert, Jenna	29	Kussman, Shannon
128	Baker, Casey	114	Colson, Stetson	335	Goodheart, Lisa	61	Lamb, Jaime
206	Barrett, Jacob	77	Cox, Billie	244	Gouldie, Velma	233	Langer, Bonnie
262	Barry, Wilma	173	Cox, Travis	81	Gray, Mailey	107	Langer, Jody
210	Bartholomew, Seth	216	Crangle, Linda	894	Greene, Corbin	234	Liggett, Phyllis
822	Bartley, Alan	858	Dauner, Kellan	841	Greene, Janelle	444	Logan, Marie
821	Bartley, Donna	304	Davis, Sandy	17	Greene, Steve	866	Long, Matthew
280	Basart, Jalen	84	Dean, Amber	201	Griffeth, Kaleb	874	Long, Sharlyn
247	Basart, Rylan	309	Dean, Becky	195	Griffeth, Wadyn	235	Loomis, Alethia
86	Bauer, Shakiya	425	Dean, Cody	284	Grout, Evan	305	Lorence, Dwayne
988	Beam, Thelma	857	Dean, Robbie	215	Grout, Nolan	174	Lorence, Kira
321	Becker, Emilie	422	Dean, Zakary	843	Gunn, Ainsley	65	Lorence, Sheila
320	Becker, Taylor	943	Deichen, Abigail	466	Gunn, Steve	157	Luckey, David
104	Beckmann, Kathy	162	Dempsey, Jo	488	Hadley, Nolan	919	Mahin, Vicki
13	Bedford, Susie	909	Dempsey, Wayne	265	Hajny, Pam	339	Mankato ISB
154	Behrends, Becky	196	Dewey, Linda	949	Hancock, Gale	499	Mankato Luthern S.S.
96	Behrends, Denise	219	Dillon, Erma	79	Hancock, Julia	877	Mankato Office
861	Berry, James	158	Dooley, Brenda	47	Hanson, Susan	152	Manning, Daphne
181	Blair, Becky	292	Dunstan, Earl	167	Harris, JennaLee	161	Marr, Sherry
430	Blair, Jeanne	230	Dunstan, Emmit	143	Harris, Wendy	297	Marr, Tom
454	Bledsoe, Bradley	221	Dunstan, Griffin	915	Hasket, Ruth	449	Marr, Tyler
67	Bledsoe, Haylee	20	Dunstan, Kaine	973	Haskett, Jacob	465	Marston, Raylynn
855	Bledsoe, Hilary	170	Dunstan, Marilyn	959	Haskett, Larry	450	Martinez, Jenna
835	Bledsoe, Mckenzy	804	Eakins, Cordell	159	Hatfield, Deb	432	McCammon, Jo
224	Boden, Karen	893	Eilert, Caleb	108	Higbee, Jeannea	179	McCary, Brenley
311	Boden, Leon	144	Eilert, Kari	106	Higbee, Nancy	472	McCary, Graci
189	Bohnert, Damon	299	Einsphar, Cadence	332	Higer, Janet	881	McCary, Ryleigh
171	Bohnert, Darica	121	Elledge, Rhonda	494	Hollerich, Allyson	322	McCormick, Autumn
94	Bohnert, Peg	166	Enyeart, Brenda	492	Hollerich, Keegan	252	McCune, Janice
271	Bolte, Becky	126	Erickson, Reta	493	Hollerich, Ryan	426	McDill, Cooper
153	Bolte, Mike	441	Eshom, Aaron	495	Hollerich, Tiffany	429	McDill, Daniel
880	Bonjour, Lori	222	Fedde, Arrilla	850	Howard, Barb	910	McKnight, Tess
229	Bonjour, Neil	876	Finnell, Tammy	451	Howard, Gertude	251	McMains, Mason
71	Bonjour, Sierra	45	Flavin, Gayla	889	Humphries, Astrid	897	McMillan, Blair
471	Boyles, Lisa	437	Flavin, John	868	Humphries, Berklie	452	Means, Twila
431	Broeckelmen, Joan	911	Flavin, Linda	869	Humphries, Jennaveve	254	Meier, Joni

462	Meier, Sarena	98	Railsback, Frank	197	Thronson, Katie	453	Waugh, Carla
905	Menhusen, Anna	10	Railsback, Nadine	54	Tucker, Kathy	330	Westgate, Kristi
43	Meyers, Eve	27	Ramsey, Kaylene	218	Tyler, Alma	500	Westgate, Riley
295	Mizner, Barb	66	Ranneback, Barbara	902	Underwood Brothers	331	Whelchel, Aubree
125	Mizner, Kenny	40	Reed, Linda	506	Underwood, Aaron	300	White, Deanna
116	Mizner, Nick	39	Reid, Joyce	803	Underwood, Allison	418	Whitten, Ruth
102	Modlin, Chad	443	Reinert, Betsy	892	Underwood, Ashley	212	Wilden, Amber
318	Modlin, Shantel	103	Reinert, Faith	21	Underwood, Clayton	424	Willitts, Anastasia
854	Mohler, Ada	14	Reinert, Sarah	259	Underwood, Cory	168	Willitts, Dianna
238	Mohler, Kathy	237	Reiter, Anna	260	Underwood, Craig	423	Willitts, Drakeland
239	Mohler, Mike	200	Reiter, Olive	258	Underwood, Debbie	101	Willitts, Jessie
491	Moser, Blake	298	Reiter, Richard	28	Underwood, Dewey	414	Willitts, Levi
823	Moser, Curtis	929	Reiter, Roger	165	Underwood, Ervin	269	Willitts, Melchezedek
240	Moser, Janet	18	Reiter, Sara	599	Underwood, Jacob	99	Willitts, Valencia
470	Moser, Valentina	838	Rempe, Sam	57	Underwood, Jami	12	Willitts, Victoria
49	Murphy, Fredericia	482	Rhoades, Eldon	281	Underwood, Kristin	120	Willitts, Walt
336	Murray, Angela	481	Rhoades, Rence	807	Underwood, Nelson	882	Wilson, Loretta
416	Murray, Brian	456	Rhoades, Ty	51	Underwood, Rebecca	142	Wilson, Luann
937	Murray, Carl	933	Roe, Bill	38	Underwood, Ruth	820	Wilson, Shonda
483	Murray, Deb	250	Roe, Carol	474	Underwood, Samuel	947	Wilson, Walt
981	Neilson, Janet	253	Rogers, Rita	805	Underwood, Stede	188	Winkel, Loretta
978	Neilson, Marlene	844	Rogers, Shannon	806	Underwood, Tonia	885	Winkel, Sara
924	Nelson, Cheyenne	227	Rogers, Todd	477	Underwood, Vanessa	886	Winkel, Shayna
312	Nelson, Ila	834	Rothfuss, Karen	896	Underwood, Waude	194	Winkel, Sherry
53	Nelson, Jackie	826	Runft, Cody	333	Unruh, Joan	72	Winkel, Trevor
288	Nelson, Jared	328	Russell, Arden	346	Unruh, Kirsten	183	Woerner, Cheryl
282	Nelson, Jason	255	Russell, Cheryl	274	Unruh, Michelle	193	Woerner, Doris
837	Nelson, Kendall	413	Ryan, Jason	93	Unruh, Rob	307	Woerner, Linda
925	Nelson, McCaela	412	Ryan, Jenae	95	Urbanek, Jennifer	187	Woerner, Marie
343	Nicholson, Joyce	334	Ryan, Meridith	279	Utt, Justin	176	Woerner, Wendy
135	Novak, Becky	231	Saathoff, Caleb	984	VanMeter, Terri	156	Worm, Deb
341	Ost, Cassie	496	Schlatte, Carla	895	Varney, Shirley	82	Worm, Doris
486	Ost, Joan	417	Schleifer, Abbey	58	Visser, Karen	347	Worm, Jillian
968	Ost, Judy	475	Shelton, Jennifer	898	Volker, Renita	415	Worm, Lenden
146	Ost, Meili	801	Shelton, Myrna	133	Wagner, Jason	293	Worm, Mike
147	Ost, Mindy	971	Shelton, Thelma	879	Wagner, Judy	124	Yelken, Lori
141	Ost, Rhonda	310	Shipley, Gary	60	Wagner, Kayle	944	Zadina, Paige
890	Pahls, Gabe	283	Shipley, Ione	249	Waide, Hannah	965	Zentz, Pat
871	Pahls, Galen	149	Shipley, Teresa	985	Waide, Kimberly		
870	Pahls, Jane	446	Shulda, Brecken	243	Waide, Levi		
836	Pahls, Katelyn	41	Shulda, Emelyn	248	Wakefield, Carol		
136	Pahls, Nicholas	63	Shulda, Jessica	864	Walker, Ashton		
64	Pavelka, Hannah	849	Shulda, Kannon	78	Walker, Beth		
447	Peroutek, Lesa	76	Shulda, Keiran	459	Walker, Claire		
337	Peroutek, Tanner	138	Sibley, Becky	289	Walker, Dakota		
301	Peters, Elaine	208	Simmelink, Bethany	873	Walker, Darlene		
487	Peters, Luke	177	Simmelink, Hannah	904	Walker, Emma		
278	Peters, Mykel	87	Simon, Carol	473	Walker, Kenny		
198	Peters, Tanya	323	Slate, Lori	83	Walker, Lily		
109	Pierce, Christel	169	Sly, Kayla	261	Walker, Tracy		
160	Pierce, Coil	73	Smith, Alex	137	Walker, Wyatt		
862	Pierce, Emily	983	Smith, Amanda	434	Walton, Sue		
42	Pletcher, Charlottle	148	Smith, Elaine	433	Warne, Deb		
245	Pumphrey, Abigail	19	Spiegel, Janelle	810	Warne, Grady		
270	Pumphrey, Avery	111	Spiegel, Steve	204	Waterman, Alison		
419	Pumphrey, Hayden	941	Surmeier, Penny	901	Waterman, Trish		
928	Pumphrey, June	438	Thomas, Barb	263	Watson, Elaine		
875	Railsback, Barbara	887	Thomas, Bill	308	Waugh, Carl		

## SCOUTS

388 Alvarez, Kimber  
355 Angelton, Eli  
391 Angleton, Ava  
350 Ault, Nellie  
381 Badger, Brystol  
367 Badger, Parker  
384 Banks, Bently  
356 Becker, Hudson  
353 Becker, Maverick  
379 Beckmann, Annika  
382 Beckmann, Ariel  
372 Cheek, Rhett  
377 Christenson, Kai  
359 Coil, Pierce  
371 Cross, Makinna  
365 Davis, Aerilyn  
407 Elkins, Evie  
370 Elkins, Ronnie  
360 Fernandez, Adan  
368 Fettig, Sebastian  
363 Herz, Izzy  
362 Hollerich, Allyson  
386 Hollerich, Keegan  
349 Hollerich, Ryan  
375 Humphries, Berklie  
Humphries,  
393 Jennaveve  
401 Kohn, Letti  
389 Kohn, Liam  
358 Labs, Serinity  
361 McCary, Graci  
348 Nelson, Mallory  
387 Ost, Meili  
369 Phillips, Tristan  
366 Piper, Jacob  
408 Sheppard, Hannah  
383 Sheppard, Heavenly  
Sheppard,  
409 Savannah  
410 Sheppard, Tyda  
385 Sheppard, Zailey  
354 Shulda, Emelyn  
376 Shulda, Kannon  
400 Shulda, Keiran  
395 Smiley, Athena  
351 Smiley, Tiberius  
364 Todd, Archer  
357 Tucker, Hudson  
373 Van Dinter, Asher  
390 VanDinter, Fiona  
380 Wanklyn, Bryson  
352 Warne, Emily  
374 Wirth, Braden  
405 Wirth, Kylie  
378 Zadina, Hunter

## 4-H Exhibitor Numbers

### **MANKATO EAGER**

#### **BEAVERS**

3011 Cockroft, Jacob  
3013 Cockroft, William  
3025 Colson, Dallasen  
3024 Colson, Stetson  
3023 Colson, Waysen  
3007 Dunstan, Emmit  
3009 Dunstan, Griffin  
3006 Dunstan, Kaine  
3003 Frost, Blaine  
3001 Frost, Devyn  
3002 Frost, Whitley  
3026 Harris, Harlee  
3033 Herz, Tenzleigh  
3015 Jeffery, Brynlee  
3016 Jeffery, Hazel

3022 Koss, Kendall  
Mankato Eager  
3000 Beavers  
Pumphrey,  
3005 Abigail  
3004 Pumphrey, Avery  
Pumphrey,  
3008 Hayden  
3021 Reinert, Faith  
3010 Reiter, Charles  
3012 Reiter, Val Jean  
3014 Reiter, Virginia  
Scarrow, Gracely  
3020 nn  
Underwood,  
3019 Aaron  
Underwood,  
3030 Allison  
3028 Waide, Hannah  
3029 Waide, Levi  
3031 Warne, Emily  
3032 Warne, Grady

#### **PRAIRIE SHOOTERS**

4015 Blain, Fallon  
4002 Bledsoe, Bradley  
4001 Bledsoe, Haylee  
4003 Bledsoe, Mckenzy  
4012 Buckland, Alice  
4004 Cady, Jayce  
  
4022 Cady, Jenna  
4005 Cady, Jillyan  
  
4013 Dickau, Harper  
4014 Dickau, Porter  
Humphries,  
4018 Berklie  
Humphries,  
4019 Jennaveve  
4007 Nash, Callyn

4006 Nash, Cora  
4023 Peters, Owen  
4024 Peters, Peggy  
Prairie Shooters  
Club  
4000  
4008 Ryan, Meredith  
Underwood,  
4009 Nelson  
4017 Walker, Ashton  
4010 Walker, Claire  
4011 Walker, Lily  
4016 Walker, Wyatt  
4020 Wilburn, Isabelle  
4021 Wilburn, Lucille

#### **WEBBER WIDE AWAKE**

5002 Bouray, Burkley  
5015 Bruns, Barrett  
5014 Bruns, Jake  
5012 Cool, Kaymbri  
5013 Everhart, Katelyn  
5004 Fuller, Haylee  
5011 Fuller, Myka  
5005 Fuller, Tenley  
5003 Gunn, Ainsley  
5009 Gunn, Gabriella  
5010 Gunn, Quartus  
5016 Hodges, Alexis  
5017 Hodges, David  
5006 Nelson, Carter  
5007 Nelson, Isaac  
5001 Nelson, Jasper  
5018 Warren, Jeri  
5019 Warren, Trayton  
Webber Wide  
5000 Awake  
5020 White, Ava  
5008 Worm, Lenden

#### **ROCK HILLS FFA**

714 Alvord, Alynza  
713 Ayers, Greta  
622 Beck, Calen  
712 Bledsoe, Haylee  
613 Cady, Jayce  
636 Cockroft, Jacob  
619 Cockroft, William  
711 Colson, Waysen  
710 Cross, Makinna  
634 Dean, Zakary  
602 Dunstan, Griffin  
624 Eakins, Noah

606 Eilert, Jada  
626 Fogo, Alexandria  
709 Frost, Blaine  
644 Frost, Whitley  
708 Garst, Karley  
633 Grout, Nolan  
707 Harris, Harlee  
632 Herfel, Cristopher  
614 Herfel, Jevan  
706 Herz, Tenzleigh  
617 Lindberg, Alivia  
618 Lindberg, Spencer  
615 Manning, Brynlee  
611 Meier, Taygen  
616 Meyers, Nate  
631 Mizner, Halle  
620 Mizner, Owen  
705 Nash, Cora  
629 Navarro, Cruz  
607 O'Conner, Tuff  
641 Reinert, Faith  
702 Reynolds, Tayla  
601 Rock Hills FFA  
610 Rothchild, Chloe  
609 Shipman, Noah  
Simmelink,  
635 Bethany  
701 Simmelink, Luke  
643 Strnad, Dalton  
604 Strnad, Emma  
612 Strnad, Wyatt  
630 Underwood, Aaron  
Underwood,  
642 Allison  
Underwood,  
638 Nelson  
639 Vance, Eli  
623 Vance, Ty  
640 Vandinter, Jaden  
625 Vizner, Carsyn  
608 Ward, Camden  
628 Whelchel, Eli  
637 Wilburn, Isabelle  
627 Wilden, Amber  
605 Wirth, Colin  
603 Wirth, Ethan  
621 Wurm, Kaden

## 2025 Jewell County Fair

### Age Divisions / Special Awards / Organizations / Work Schedules

**Open Class:** Jewell & adjoining counties residents  
(KS: OB, SM, MC, RP; NE: Webster, Nuckolls)

G - **general any** age (there are no age divisions in any open class departments)

E - **expert - optional** anyone who judges, sells, or teaches a specific skill may choose to exhibit in classes designated only for individuals with exceptional skills (designate "G" general OR "E" expert with exhibitor number)

**4-H / FFA:** (age on 1/1/25)

**Livestock Showmanship:** junior (7-12), senior (13 & older)

**All Clothing & Fashion Revue:** junior (7-13), senior (14 & older)

**Other entries** (Quonset exhibits and judging contests): junior (7-12), senior (13 & older)

**Scouts:** classification by 2024-25 grade in school

### Awards

*Award winners & donors will be announced at  
the AWARDS PROGRAM, Sun., July 13  
following the Fashion Revue*

*THANK YOU, DONORS, for your great support!!*

### Jewell County Coloring Contest

☐ Contest entries **DUE by Monday, July 1<sup>st</sup>** to the Mankato Extension Office.

☐ All entries to be displayed in the Quonset during county fair.

☐ Prizes awarded to three entries per age division. Prize will be credit at the food stand and must be used in the year awarded.

☐ Entries **must be picked up on July 13, Sunday** between 2-4 p.m. at the fair office.

### Special Food Contests and Awards

Winning exhibit presented to recipient by exhibitor at 6 p.m. Fashion Revue on Sun, 7/13

◆ Cookie Jar presented to Co Commissioners: Brent Beck, Ed Duskie, and Ervin Underwood

◆ Cookie Tin presented to County Fair Treasurer: Lesa Peroutek

## Jewell County Fair - Theme 2025 Jewell County Fair Footloose at the Fair

**Information and materials** (cards, labels, photo mat, etc.) available at: Post Rock Extension District - Mankato Office 307 N Commercial, 785-378-3174 or [tiunderw@ksu.edu](mailto:tiunderw@ksu.edu) or some posted at: [www.postrock.k-state.edu/4-h/county-fairs/jewellfair/](http://www.postrock.k-state.edu/4-h/county-fairs/jewellfair/)

### County Youth Organizations

**Jewell County 4-H Council:** Faith Reinert, president

**Rock Hills FFA:** Jada Eilert, president  
Advisor: Jenae Ryan

**Scouts, Boy & Girl:** Leaders: Jessica Shulda and Pamela Wirth

**Mankato Eager Beavers (MEB):** Whitley Frost, president  
Leaders: Karen Cockroft, LaRae Colson, Natalie Frost

**Prairie Shooters (PS):** Nelson Underwood, president  
Leaders: Jeff Cady, Hilary Bledsoe, Stede Underwood

**Webber Wide Awake (WWA):** Haylee Fuller, President  
Leaders: Sara Fuller, Tracy Gunn, Jillian Worm

**ALL 4-H CHARGE ACCOUNTS must  
be PAID by MONDAY, JULY 14<sup>th</sup>.**

### 4-H Council Food Stand Work Shifts

Visit the Post Rock District website at  
<https://www.postrock.k-state.edu/4-h/events/county-fairs/jewellfair/>

Work shifts will be available for signup when ready.

**Food stand manager is Sarah Strnad.**



# 2025 JEWELL COUNTY FAIR

## FOOTLOOSE AT THE FAIR

Jewell County Fairgrounds – 807 N High – Mankato  
Mankato Extension Office – 307 N Commercial – 785-378-3174 (in courthouse)

Wednesday, June 18 DUE to the ext. office

- All Pre-Fair Deadline entry forms

Monday, July 7

6:00 p.m. Fairgrounds clean-up / set-up

Tuesday, July 8 *at Mankato Community Center*

9:00 a.m. Open class quilt check-in

9:30 Open class quilts judging

10:00 4-H photography judging

11:30 Open class foods judging

Noon 4-H clothing judging  
(all constructed & purchased garments)

4-H Fashion Revue

1:30 p.m. 4-H fiber arts judging  
(crochet, ethnic arts, knitting, quilting)

4-H foods judging

2:00 Bake Sale (open class & 4-H) at south entrance

4:00 Superintendents meeting at fairgrounds

Thursday, July 10 *at fairgrounds*

8:00 a.m. Horse Show – horse arena

Horse educational exhibit/stall decoration judging

7-8:00 p.m. Open Class/Scouts exhibits check-in, Quonset

7-9:00 Animal check-in / Veterinary health inspections / Beef weigh-in

Friday, July 11 *at fairgrounds*

7:00 a.m. All superintendents report  
Superintendents check in entries

7:30-8:30 4-H, open, scouts exhibits check-in, Quonset

8:00 Open Class & Scouts exhibit judging

9:00 4-H exhibit judging

9:00 Small animal weigh-in

10:00 4-H livestock educational exhibit judging (except horse)

11:00 p.m. Poultry/Rabbit Show – poultry barn

Pets Show – Quonset (following Rabbit Show)

5:00 Beef Show – covered arena

8:30 Horse Show Speed Events & Costume Class - horse arena

*Buck's Snow Shack - 3:00 to close*

Saturday, July 12 *at fairgrounds*

8:00 a.m. Swine Show - covered arena

Sheep Show - covered arena

(30 minutes after completion of swine)

Goat Show - covered arena

Round Robin participant meeting 15 min. after goat show

**FAMILY NIGHT at the FAIR:**

4:00-7:00 Bouncy House/Water Slide, Fair Board

4:00 Catch-an-Animal

5:00 Pedal Tractor Pull (registration at 4:15)

7:00 Mutton Bustin/Bull Riding – horse arena

Mayfield Horse Company Rodeo

American Freedom Drill Team

9:00 Dance - BYOB, in front of the food stand

**FOOD TRUCKS, 4:00 p.m. to close (No 4-H Foodstand)**

*Big T's, Buck's Snow Shack, Fat Fox's, Flint Hills*

*Pints, Happy Trails Brew Co., Red's Country Cataring, Taste Me Now*

Sunday, July 13 *at fairgrounds*

10:00 a.m. Round Robin Showmanship Contest – covered arena

Livestock Judging Contest following Round Robin  
Jewell County 4-H & FFA only

Noon Animal exhibits released

2:00-4:00 Fun Swim – Mankato Swimming Pool

4:30-5:30 Quonset exhibits released

6:00 Public Fashion Revue – Sale Barn

Awards Program – Sale Barn

7:00 Livestock Premium Sale - Sale Barn

Order: rabbits, sheep, swine, beef, goats, poultry

Monday, July 14 *at fairgrounds*

6-8:00 p.m. Buildings, grounds clean-up

