Jewell County Fair

2020

VISION

JULY 9 – 12
Fair Book

HEAD SUPERINTENDENTS

FAIRGROUNDS & LIVESTOCK  Natalie Frost, board chair
4-H & YOUTH  Lesa Peroutek, treasurer
QUONSET OPEN CLASS  Barb Mizner, Ione Shipley
4-H COORDINATOR  Daphne Manning, Post Rock Extension District

COUNTY FAIR OFFICE
807 N High
Mankato, KS 66956

EXTENSION OFFICE
307 N Commercial
Mankato, KS 66956
785-378-3174
INDEX inside front cover
2018 Jewell County Fair Plaques/Donors 1
2018 Livestock Premium Buyers 2
2018 County Fair Boosters 3
Superintendents Instructions 4
Superintendents 5
Jewell County Fair Board 6
Code of Conduct 6
General Award Guidelines 6
4-H / FFA Exhibit Guidelines 6-9
Display, Notebook, & Poster Guidelines 9

DIVISION IV 4-H/FFA ANIMALS
  Beef ............................................. 51-53
  Dairy ........................................... 53
  Goats ......................................... 53-54
  Horses ........................................ 54
  Other Animals .............................. 54
  Poultry ...................................... 55
  Rabbits ...................................... 55-56
  Sheep ....................................... 56
  Swine ........................................ 56-57
  Round Robin Showmanship Contest .... 57
  Livestock Judging Contest .............. 57

Exhibitor Numbers ......................... 60-62
Work Shift Schedules & Misc. Info inside back cover

Restrooms are located on the west side of the Deibert Building (fair office) and are overseen by the Jewell County 4-H clubs.

JEWELL COUNTY FAIR OFFICIALS
Overall fairgrounds, fair board chair: Natalie Frost
Fair board treasurer & fair office secretary: Lesa Peroutek
Open class Quonset: Barb Mizner, Ione Shipley
4-H & youth exhibits in Quonset: Lesa Peroutek
Premium sale finances: Lesa Peroutek
Extension 4-H program coordinator: Daphne Manning
Extension office professional: Teresa Shipley

4-H COUNCIL FOOD STAND
Everyone is urged to patronize the food stand which is operated at the fairgrounds by the 4-H Council. Work schedules are chosen by the 4-H families. All families are to help in at least one, two preferably, shifts and to also furnish supplies as per letter sent. No homemade or home-baked pies or desserts will be allowed this year.

4-H CLUBS & LEADERS
Mankato Eager Beavers – Tonia Underwood,
LaRae Colson, Kristin Underwood
Webber Wide Awake – Lisa Boyles, Sara Fuller

FFA CHAPTER & ADVISOR
Rock Hills High School – Arika Kuhlmann

DIVISION I 4-H/FFA Exhibits - in Quonset
  Arts (fiber, performing, visual) ............. 9-11
  Citizenship .................................. 11
  Clothing & Fashion Revue ................. 11-12
  Cloverbuds ................................ 12
  Club / Chapter banners, books ............ 12-13
  Dogs ....................................... 13
  Energy Management ....................... 13-14
  Entomology ................................ 14-16
  Environmental Sciences .................... 16
  Exploring 4-H ................................ 16
  Family Studies ............................ 16
  Foods & Nutrition .......................... 16-18
  Forestry .................................... 19-20
  Geology .................................... 20-21
  Health & Wellness ......................... 21-22
  Home Environment ....................... 22
  Leadership ................................ 22
  Pets ....................................... 22
  Photography ................................ 23-24
  Plant Science crops & horticulture ........ 24-26
  Public Speaking ........................... 26
  Reading .................................... 26-27
  Self Determined ............................ 27
  Shooting Sports ........................... 27
  SpaceTech. ................................ 27-35
  Wildlife sports fishing ..................... 36
  Woodworking ................................ 36
  FFA Ag Mechanics ....................... 36-37

DIVISION II SCOUTS
Boy Scouts .................................. 37-38

DIVISION III OPEN CLASS
Open Class General Rules 38-39
  Industrial Arts ............................. 39-40
  Crafts ..................................... 40
  Crochet / Knitting ......................... 40
  Field Crops ................................ 40-41
  Garden ..................................... 41-42
  Floriculture ................................ 42-43
  Foods ...................................... 43-47
  Hand Work Needle & Art Work ........... 47-49
  Photography ................................ 49
  Quilting .................................. 49-50
  Recycling .................................. 50-51
  Sewing .................................... 51
2019 Jewell County Fair Plaques, Showmanship Gift Certificates, Belt Buckles

Alcorn, Pat & Doyle: woodworking
Atwood, Nola Bess Family: sheep showmanship, goat showmanship
Bouray, Theresa & Lawrence: senior visual arts & crafts
Bradrick, Susan: self-determined
Brodstone Memorial Hospital: junior photography
Colson, Ann & Stan: shooting sports, space tech
Dempsey, Jo & Wayne: senior beef showmanship, junior horse showmanship, senior plant science
Farmway Credit Union: breeding gilt, pets
Frerichs, Twilla & Gene: energy management
Goodheart, Lisa: overall horse showmanship
Greene, Janelle & Scott: clothing construction, poultry showmanship
Hancock, Doug & Karen: halter mare
Hesket- Bingham, Judy: junior foods, reading
Ideal Market: senior photography
J-Janes: leadership, secretary book
Jewell County Saddle Club: horse high points champion
Joerg, Marilyn: fiber arts, senior foods
Kussman Family Genetics: market hog
Langer, Frank & Bonnie: junior rabbit showmanship
Lorence, Sheila & Dwayne: overall beef breeding, senior goat showmanship
Manaketo Eager Beavers 4-H Club: reporter’s book
Manning, Daphne: catch-a-pig, food preservation
McDill & Vance Families: rabbit, overall rabbit showmanship
Murray, Deb: goat breeding, senior horse showmanship
Odessa Homemakers: junior visual arts & crafts
Peroutek, Jim & Lesa: junior goat showmanship, senior poultry showmanship, market lamb
Peters, Elaine & Daniel: geology
Railsback, Nadine & Frank: dog
Rannebeck, Barb: poultry champion
Rathbun, Gale & Tom: fashion revue clothing construction
Rock Hills FFA: ag mechanics, round robin, junior poultry showmanship
Rowe, Sally: senior swine showmanship
Ryan, Joel Memorial: overall bucket calf
Shipley, Gary & Teresa: supreme market hog, junior swine showmanship
Shipley, Ione: junior beef showmanship, overall swine showmanship
Smith, Phyllis & Van: halter gelding
Spiegel, Janelle & Steve: sheep showmanship
Sweat, Deanna & Loren: fashion revue junior buymanship, junior plant science
T & L Trucking, Lisa & Todd Boyles: fashion revue senior buymanship
Thompson, Richard & Betty: market goat
Timber Valley Ranch - Sandy & Kendall Nelson: wildlife
Topliff, Donn, estate: overall beef showmanship
Underwood, Tonia & Stede: health & wellness
Unruh, Rob family: senior rabbit showmanship
Warne, Dave Family: supreme market steer
Wilson, Jim family: market steer
2019 LIVESTOCK PREMIUM BUYERS

Aurora Coop
B & H Ranch, Bill Roe
Becker & Bouray
   Auction Service
Bohnert, Josh & Lori
Bohnert Seed Farms,
   Calvin Bohnert
Bohnert Welding LLC,
   Darrell & Deb
Bohnert
Boyles, Scott &
   Kristine
C & W Farm Supply
Carlson, Robert & Jan
Carrico Implement
Central National Bank
   Mankato
Central Valley Ag
Citizens National Bank
Citizens State Agency
Courtland Journal
Davis Farms, Jean
   Davis
Doane Family Farms
Downs Vet Clinic
Esbon Ag Supply,
   Kenny & Nick
   Mizner
Farmway Credit Union
Figgins Farm, Carl &
   Karen Figgins
Garcia Ranch
Greene, Norman &
   Doris
Greene, Scott &
   Janelle
Hanel Veterinary
   Clinic
Hayes Farms
Ideal Market
J & H Hay
J & H Service
Jason Ortman
   Insurance
Jewell County Farm
   Bureau Assn.
Kiers Thriftway
Landmark Implement,
   Smith Center
Lange, Corlene
Mankato Livestock
Mankato Professional
   Pharmacy
Marsh Creek Farms,
   Steve & Janelle
   Spiegel
Megrue-Price Funeral
   Home
Melby Mortuary
Meyers Aerial Service
   LLC
Mid-way Coop
Nelson, Kendall &
   Sandra
Oz Insurance, LLC
Paul Wilson, CPA
Peroutek, Ida
R Seed Plus, LLC
Randall Farmers Coop
   Union
Shipley Farm &
   Livestock
Smith Center Vet
   Clinic
Spring Creek Family
   Farms
Superior Commodities
Swenson Meat
   Processing, LLC
T & L Trucking, Todd
   & Lisa Boyles
Tebow Plumbing Co.,
   Inc.
Thompson’s OK Tire
Thummel Real Estate
   & Auction
Underwood, Dewey &
   Ruth
Vycke Garman Agency
Zimmer, Roger
### 2019 Booster Members

#### Individuals

- Ayers, Lance & Angie
- Ayers, Linda
- Broeckelman, Joan
- Cheek, Megan
- Colson, Gary
- Colson, Zach & LaRae
- Elkins, Bud
- Flinn, Susan
- Frost, Dwight & Bev
- Frost, Ivan & Leta
- Frost, Wayne & Natalie
- Jeffery, Belinda
- Jones, Kathy & Jan
- Keever, Sarah
- Kendall, Hilda
- Kohn, Brad & Linda
- Langer, Frank & Bonnie
- Lorence, Dwayne & Sheila
- Miller, Darrell & Gail
- Mizner, Ray & Barb
- Moser, Dan & Kristy
- Peroutek, Jim & Lesa
- Peters, Daniel & Elaine
- Reed, Saunie
- Schwertfyer, Jeff & Brenda
- Shadduck, Kim
- Shipley, Gary & Teresa
- Snow, Patty
- Sprague, Mary
- Underwood, Deb
- Underwood, Stede & Tonia
- Zentz, Ron & Pat

#### Businesses

- Agrex, Inc.
- Alexander Motors
- Big Bear Repair
- Bohnert Welding LLC
- Bourbon Trucking LLC
- Buffalo Roam
- Central National Bank
- Chief Disposal LLC
- Cosand Automotive
- Country Roots, Emily Reed
- Digger Jake
- Grate Expectations, Nick & Kelley Bunting
- Griffeth Family Farms
- Hair & More
- Hair Den
- Hidden Treasures
- Hoffer Produce
- Horizon Bank
- J & H Hay
- J & H Service
- Jewell County Conservation District
- Jewell Implement Co.
- Kier’s Enterprises, Inc.
- Kile Veterinary Clinic
- Mankato Auto Parts
- Mankato Express
- Mankato Plumbing & Appliance
- Mankato Professional Pharmacy
- Matthew Kueker, DDS
- Midway Coop
- Moonlight Workshop
- Ortman Insurance
- Ost Furniture & Cabinetry
- Peak Dental
- Roger’s Body Shop
- Shamburg Feed Service
- Solomon Valley Bank
- State Exchange Bank
- Superior Implement
- Superior Insurance Center, Pam Nielsen
- Superior Outdoor Power
- Superior Physical Therapy, LLC
- T & L Trucking
- Tyler Chiropractic
- Walt’s Furniture
- Webber Wide Awake 4-H Club
- Wilson, Paul CPA
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 upon number of entries, so please be patient if your judge is working in several other departments
☐ Specific rules or guidelines are listed if in addition to rules on pages
☐ Number of 4-H members enrolled and number of plaques are listed per department

Superintendent Responsibilities
1. All superintendents plan to arrive at least 30 minutes prior to 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 exhibitors name, number, exhibit placing). On Tuesday, July 7: open class QUILTS superintendents need to arrive at the Mankato Community Center by 8:00 a.m. to check in exhibits and 4-H FIBER ARTS and CLOTHING/FASHION REVUE, at 1:00 - all other Quonset department superintendents: arrive by 7 a.m. on Friday, July 10.
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 plaque selection process (if you are unsure, please ask Daphne). 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 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 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 exhibitor’s 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 prefair superintendents meeting/departament set up to be held at the fairgrounds on Tuesday, July 7 at 5:30 p.m. You will be able to inspect your department area and to 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 check out on Sun., evening, July 12, 4:30-5:30. Mark record that exhibits have been officially released from display by initialing the release box in your department notebook.
Division I - 4-H / FFA
Check in: Friday, July 10, 7:30-8:30 a.m. - judging begins at 8:00 a.m.  Check out: Sunday, 7/12 at 4:30 p.m.
Exception - fashion revue, clothing & fiber arts judged Tuesday, 7/7 at Mankato Community Center

#1 Arts: Fiber (crochet, knitting, needle arts, quilting): Karen & Haylee Cockroft, (Tonia Underwood – pre-judging day only)
Visual (ceramics, crafts): Betsy & Faith Reinert, Phil Menhusen, Elaine Cockroft

#2 Plant Sciences: Tonia Underwood, #20 Plant Sciences
Lacey Langer, Eve Meyers #19 Photography:

#3 Clothing & Fashion Revue: Lisa Boyles, Jody & Lacey Langer, (Kristin Underwood – only on pre-judging day)

#4 Cloverbuds/ #10 Exploring 4-H/ #17 Leadership: Julie Cady, Katie Reinert

#5 Club/Chapter entries (banners, books, displays)/ #8 Entomology/ #11 Family Studies/ #14 Geology/ #22 Reading/ #23 Self-Determined: Sara Fuller

#6 Dog: Karen Cockroft

#7 Energy Management/ #24 Shooting Sports/ #25 SpaceTech/ #26 Wildlife/ #27 Woodwork/ #28 FFA Ag Mechanics: Gary Shipley, Mike Worm, Sam & Aaron Underwood

#12 Foods: Pat Zentz, Abbey Schleifer, Kristin & Jacob Underwood

#18 Pets: JennaLee Harris

#19 Photography: LaRae Colson, Elizabeth Saathoff, Lacey Langer, Eve Meyers

#20 Plant Sciences (crops, floriculture, & horticulture): Tonia Underwood, Angie & Grace Ayers

Division II - SCOUTS
Check in: Fri. July 10 7:30 a.m.  judging: 9:00
Exhibit check out: Sunday, July 12 at 4:30 p.m.
#30 Boys #31 Girls: Pamela Wirth, Jessica Shulda

Division III – OPEN CLASS
Check in Thursday, July 9, 6:00-8:00 p.m. or Friday, July 10, 7:30 a.m.  judging: 9:00
Exception is quilts: judged Tuesday, July 7 check in: 8:00 at Mankato Community Center- all quilts to be displayed during the fair

#32 Industrial Arts: Gary Shipley, Mike Worm, Sam & Aaron Underwood

#33 Crafts /#34 Crochet / Knitting: Elaine Peters, Karen Boden

#35 Field Crops /#36 Garden: Dee Reed, Sharon Brinkworth

#37 Floriculture: Lisa Goodheart, Judy Bingham

#38 Foods: Doris Worm, Bonnie Langer

#39 Handwork /#42 Recycling /#43 Sewing: Ione Shipley, Susan Greene

#40 Photography: Twilla Means, Phyllis Smith, Betty Becker, Shirley Varney

#41 Quilting: Karen Boden, Joan Broeckelman, Kimberley Waide, Eula Silsby

Division IV - 4-H / FFA ANIMALS

#44 Beef: Natalie Frost, Bryan & Katie Reinert, Lance Ayers, Jeff Cady

#46 Goats/ #51 Sheep: Dwayne Lorence, Brad Cockroft, Jared Gray

#47 Horses: Jody & Lacey Langer, Bryan & Katie Reinert, Sara Fuller

#49 Poultry & #50 Rabbits: Karen Cockroft, Jody Langer, Zach Colson

#52 Swine: Ervin, Sam & Jake Underwood, Stede Underwood, Mike Worm, Jeff Cady

#53 Round Robin: Natalie Frost, Dwayne Lorence, Jody Langer, Ervin Underwood

#54 Livestock Judging Contest / Beef Carcass Contest: Natalie Frost, David Graham

Division V – OPEN CLASS LIVESTOCK
Superintendents same as 4-H departments: beef, dairy, goats, pets, poultry, rabbits, sheep, swine

4-H and Open Class Food Sale: 9-11:00 a.m. Friday, July 10  coordinators: Deanna Underwood
Kansas 4-H Events CODE OF CONDUCT

As a participant in Kansas 4-H Events, you have the responsibility of representing the Kansas 4-H program to the public. You are expected to conduct yourself in a manner that will bring honor to you, your family, as well as to 4-H. To do that, you must:

1. Conduct yourself and your project work in a manner that is trustworthy, respectful, responsible, fair, caring and in good citizenship.
2. Be responsible for your actions by following the rules and being accountable. This includes being in assigned program locations/sessions, abiding by deadlines, times and housing arrangements. If you are unable to participate or need assistance, notify those in charge.
3. Treat yourself, other people, animals and property with respect, using good manners, dressing appropriately and by not using profanity. You will be personally responsible for any damage caused as a result of your behavior. Know that the use of tobacco, alcohol, and non-prescribed drugs by youth is illegal.
4. Demonstrate caring for people other than yourself. Know that harassment of any type is illegal and prohibited at all 4-H events.
5. Be a good citizen by participating fully, and helping those around you have positive experiences.

The Jewell County Fair Board of Directors, K-State Research and Extension - Post Rock Extension District Agents, and 4-H community clubs have formed a grievance committee to settle issues of conduct involving youth. Any youth unable to fulfill the code of conduct will have his/her conflict resolved through this committee. Those who find themselves unable to conduct themselves within the guidelines listed above may expect:

A. to explain their actions to the adults in charge
B. to accept the consequences of their actions
C. to have the adults in charge work closely with parents/guardians, extension personnel, and others to see that actions taken, in case of unacceptable behavior, are appropriate and logical consequences for all concerned.

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

You provide one of the most important duties of the entire county fair and 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.

GENERAL AWARD GUIDELINES

Ribbon Identification and Guidelines

4-H/FFA

Grand champion rosette - dark purple with 2 streamers
Reserve grand champion rosette - light purple with two streamers
Champion rosette - dark purple with one streamer.
(livestock classes only)
Reserve champion rosette - light purple with one streamer
(livestock only)
Purple, blue, red, white - 8” in length by 2” in width

Open Class and Scouts

Best of show rosette - dark purple single streamer ribbon
Blue, red, white - 8” in length by 2” in width ribbons

RIBBONS ARE TO BE AWARDED UPON THE COMPLETION OF COMPETITION

Grand and reserve grand champion rosette ribbons are awarded in 4-H / FFA departments and in each division, if divided into age divisions
Best of show rosettes are awarded in all open class and scout departments
Champion and reserve champion rosettes are awarded only in breed and halter classes

Department Plaque Guidelines

- Plaques are purchased by donors, face plate changes are paid for by fair board
- Plaques are awarded to the best exhibit in 4-H/FFA departments, exhibit quality must be deemed worthy; non-livestock plaque winner must be a top purple and livestock plaque winner must be a top blue or at the judge’s discretion.
- Award / plaques may be awarded in each 4-H/FFA age division, if the department has three (3) members enrolled in each age division, departments with less than this minimum enrollment will have one department plaque.
• All plaques will be awarded at the Awards Program, Sunday, July 12 following the Fashion Revue at 6:00 p.m.
• All plaque donors are urged to present plaques to the project winners.

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

Violation of any rule and requirement will mean forfeiture of all prizes.

*Poultry, Pet & Dog REGISTRATION required by July 1

HERDSMANSHP AWARD: see page 52

LIVESTOCK
◆ Departments by species: beef, dairy, 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, exception rabbits and poultry

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.

Animal Ownership Verification Requirements:
1. All market animals must be weighed by designated dates to be eligible to compete in the daily gain contest.
2. All market animals exhibited in the 4-H/FFA or Open division must be owned and in the possession of exhibitor by June 1 of current year. A 4-Her may exhibit and show a non-market animal that they do not own if they have worked with and cared for that animal.
3. Every animal exhibited in the 4-H/FFA Division must be properly identified according to Kansas 4-H and Post Rock Extension District policies.
   Horse: ID paper due May 1 of current year
   Poultry: leg band due at fair check-in
   Rabbit: legible tattoo & ID paper by June 1 of current year
   Market Beef, Swine, Sheep, Goat: tagged at county weigh-in
   Bucket Calf, Cow/Calf Pair: cow in the pair must be tagged by June 1
   Breeding Animals: All breeding animals must be tagged by June 1 of the current year. If the animal has been officially tagged in a previous year, the identification must be reported to the extension office by June 1. All purebred-breeding animals must be identified with registration papers at fair check-in.

All livestock will check with the veterinarian during pre-fair check-in and will remain at the fairgrounds, unless special permission is obtained from the fair board for temporary absence. Exception is: open class horses can leave fairgrounds after the Horse Show.

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. After animals are penned, the 4-H/FFA owner is responsible for grooming the animal & cleaning the pen(s).

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

POULTRY: All poultry exhibits will not be blood tested at the county fair this year.

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

Specific 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 tranquilizers may be used on animals.
▼ Bedding used for animals is the responsibility of the animal owners.
▼ All animals that will not be shipped, may be removed from the fairgrounds following the premium sale on Sun.
▼ All pens are to be cleaned when the animals are removed and checked out.
▼ Animal pens not cleaned by Noon on cleanup day will be assessed a $10.00 fee.
▼ There will be adult supervision in all livestock barns.
Anabolic steroid use shall likewise be prohibited and any other injection for cosmetic purpose shall be save only branding, tattooing, or any other chemical, electrical, or other change for cosmetic purpose, including all day and night hours spent associated with any county fair activity. Parents are responsible for their children at all times. Any exhibit entered late will be dropped one ribbon by the judge. 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:
- Youth must be 12 years or younger on January 1 of current year.
- Youth may not previously have taken this project.
- Youth may receive one donated catch-an-animal per species during their eligibility.
- Catch animals sold at Premium Sale are not eligible for exhibit in a future county fair by the same youth.

Daily Gain Competition: Only market animals are eligible for daily gain competition. Animals must comply with weigh-in dates to compete.

4-H / FFA General Regulations
1. Only bona fide Jewell County 4-H / FFA members are eligible to exhibit in Division I (Quonset) and Division V - (animals); girl & boy scouts exhibit in Division II, all youth may exhibit in Division III (open class Quonset), Division V (open class livestock), and Division VI (contests)
4-H Age Divisions: J = junior (7-12 years), S = senior (13 and older). Exception for fashion revue and judging contests: J = 7-13, S = 14 and older.

2. Entry cards are required for all exhibits and contests.

3. Violation of any established regulation will result in forfeiture of any prize, ribbon, and premium.

4. Any exhibit entered late will be dropped one ribbon placing or may not even be judged.

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

6. The fair board, department superintendents, extension agents, office staff, council, board member, or county commission will not assume any responsibility for any type of loss or accident associated with any county fair activities or events.

Showmanship Judging Criteria
Preparation of animal for showing - 50%
1. control of feet 2. trimming of head for showing - 50%
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:
- Youth must be 12 years or younger on January 1 of current year.
- Youth may not previously have taken this project.
- Youth may receive one donated catch-an-animal per species during their eligibility.
- Catch animals sold at Premium Sale are not eligible for exhibit in a future county fair by the same youth.

Daily Gain Competition: Only market animals are eligible for daily gain competition. Animals must comply with weigh-in dates to compete.

4-H / FFA General Regulations
1. Only bona fide Jewell County 4-H / FFA members are eligible to exhibit in Division I (Quonset) and Division V - (animals); girl & boy scouts exhibit in Division II, all youth may exhibit in Division III (open class Quonset), Division V (open class livestock), and Division VI (contests)
4-H Age Divisions: J = junior (7-12 years), S = senior (13 and older). Exception for fashion revue and judging contests: J = 7-13, S = 14 and older.

2. Entry cards are required for all exhibits and contests.

3. Violation of any established regulation will result in forfeiture of any prize, ribbon, and premium.

4. Any exhibit entered late will be dropped one ribbon placing or may not even be judged.

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

6. The fair board, department superintendents, extension agents, office staff, council, board member, or county commission will not assume any responsibility for any type of loss or accident associated with any county fair activities or events.
Fair County exhibits

Kansas State Fair Entries: will not be displayed or receive ribbons or premium instead of educational purposes will be disqualified and posters, or other activities for endorsement or promotion materials utilized in banners, computer graphics P corporations, and others to protect their original work and trademark is legal methods used by writers, artists, permission of limited portions of a copy copyright law that allows reproduction without payment or public presentation is acceptable under 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 copy-righted work for educational and other public interest purposes. A 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. Copy-righted 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.

7. To exhibit, youth must abide by Kansas 4-H Events Code of Conduct and decisions made by the Jewell County grievance committee will be regarded as final for any disputed issue.

8. Exhibits must be entered by member, except in case of family emergency or if youth is attending a 4-H/FFA activity.

9. In accordance with the regulations adopted by the Fair Board of Directors-absolutely no alcoholic or cereal malt beverages may be consumed or carried on the premises. Violating exhibitors will have all entries disqualified and non-exhibitors will be escorted from the premises -rule will be strictly enforced.

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

11. All 4-H members must work at fair set-up & clean-up & all members 13 and older must work at least one food stand shift to receive your fair premiums. Exceptions must be approved by extension office.

12. 4-H exhibitors (individuals or group) 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 trade-marked 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 copy-righted work for educational and other public interest purposes. A 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. Copy-righted 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.

Kansas State Fair Entries: Purple ribbon exhibits entered by youth age 9 (1/1/20) are eligible to enter at Kansas State Fair, if there is a state fair class. All eligible Jewell County exhibits will be pre-entered for Kansas State Fair. If NOT WANTING to enter at state fair, member MUST NOTIFY the extension office on or before August 3.

DIVISION I - 4-H/FFA

Display / Notebook / Poster Guidelines
☐ 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
☐ Copyrighted materials: see general regulations rule 12, page 9

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 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 exhibitor, enthusiasm shown, knowledge shared?

☐ Educational value
  Is knowledge shared?

Department 1 Arts

4-H enrollment card projects:
Fiber Arts: crochet, ethnic arts, knitting, macramé, needle arts, patchwork/quilting, rug making, spinning, weaving
Performing Arts: theater arts, dance, music
Visual Arts & Crafts: general arts & crafts, ceramics, leather craft

1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit eight (8) entries per class completed in current project year in each area enrolled.
4. See page 9: poster, display & notebook criteria.
5. Exhibits must be made during current project year.
6. Exhibit may be an article, notebook, poster, or display exhibit.
7. 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).

8. Cloth labels are to be sewn or safety pinned inside back of garment neck or corner of article.

9. Special consideration given to articles which are of original design, attach note explaining original design.

10. Exhibitor should attach an index card no larger than 4"x6" with entry card to provide the judge with any information on what parts of the exhibit they made, processes used, and other information which the exhibitor thinks would be helpful for the judge, indicate any items that were made from a kit. For all items, indicate fiber content, specifically if made with at least 90% wool. For quilted items indicate who did the quilting and binding.

11. Crocheted and knitted articles may be entered and judged in Fashion Revue competition.

12. Grand champion senior division entries will be the county’s state fair arts and crafts entries. Alternates may be sr. reserve champion entries then jr. division grand champions. State fair entries are entered at exhibitor’s own risk.

13. 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 existing fabric is changed into something quite different (such as quilting or embroidery or ethnic arts) Ethnic Fine Arts should use a textile (examples include wood reed, straw, grass, etc.) baskets/pieces should be entered in the visual Arts Division.

14. When articles which are normally worn as a part are exhibited, both articles must be shown together. Fasten articles together with yarn.

15. No plants or plant materials needing watering can be entered as an art display or item.

FIBER ARTS: 1 jr, 2 sr (1) plaque
CROCHET: an article, including felted items
Class 1000J made by 7-12 yr old member
Class 1000S 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 rule 12, page 9. Name, local unit and fiber art covered must be clearly marked in the notebook.

Class 1001J made by 7-12 yr old member
Class 1001S 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, short description of technique, etc.

Class 1002J made by 7-12 yr old member
Class 1002S made by 13 and older member

KNITTING: an article, including felted items
Class 1003J made by 7-12 yr old member
Class 1003S made by 13 and older member

MACRAME: an article
Class 1004J made by 7-12 yr old member
Class 1004S 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 1005J made by 7-12 yr old member
Class 1005S made by 13 and older member

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

Class 1006J made by 7-12 yr old member
Class 1006S made by 13 and older member

Best Use of Color & Design Award: Judge’s choice for one quilt. Winner will receive a certificate from Soloman 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 1007J by 7-12 yr old member
Class 1007S by 13 and older member

SPINNING: a skein - minimum 10 yds in length
Class 1008J made by 7-12 yr old member
Class 1008S made by 13 and older member

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

Class 1009J made by 7-12 yr old member
Class 1009S made by 13 and older member
PERFORMING ARTS: enrollment: 0
poster, notebook or display
Class 1010J by 7-12 yr old member
Class 1010S by 13 and older member

VISUAL ARTS: 9 jr, 8 sr (2) plaques
CERAMICS: projects must begin with green ware, not a piece already cleaned
Class 1011J made by 7-12 year old member
Class 1011S made by 13 & older member

GENERAL ARTS & CRAFTS
Class 1012J made by 7-12 yr old member
Class 1012S made by 13 and older member

LEATHER CRAFT
Class 1013J made by 7-12 yr old member
Class 1013S made by 13 and older member

Department 2 Citizenship
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 9: poster, display & notebook criteria.
5. Exhibit must relate to project work completed during the current year.

Me, My Family & Friends: poster, notebook, or display
Class 1017J by 7-12 yr old member
Class 1017S by 13 and older member

My Neighborhood: poster, notebook, or display
Class 1018J by 7-12 yr old member
Class 1018S by 13 and older member

My Clubs & Groups: poster, notebook, or display
Class 1019J by 7-12 yr old member
Class 1019S by 13 and older member

Public Adventures: poster, notebook, or display
Class 1020J by 7-12 yr old member
Class 1020S by 13 and older member

My Heritage: poster, notebook, or display
Class 1021J by 7-12 yr old member
Class 1021S by 13 and older member

My Government: poster, notebook, or display
Class 1022J by 7-12 yr old member
Class 1022S by 13 and older member

The World Around Me: poster, notebook, or display
Class 1023J by 7-12 yr old member
Class 1023S by 13 and older member

Department 3 Clothing and Textiles & Fashion Revue
Construction: 1 jr (1) plaque
Buymanship: 5 jr, 1 sr (ribbons only, no plaque or rosettes)
1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in this project may exhibit four (4) entries per class completed in current 4-H yr.
4. See page 9: poster, display & notebook criteria.
5. Pre-cut kits are acceptable for all clothing classes. All articles/garments must be finished for use.
6. Bring all patterns used in making an exhibit.
7. Exhibit may have been used/worn, but should be carefully laundered before being exhibited.
8. Exhibitor may attach an index card, no larger than 4” x 6” with entry form to provide the judge with helpful information. Explain if the exhibit contains any recycled materials. Using a larger card will result in the exhibit being lowered one ribbon placing.
9. Garments made for animals (i.e. dog, cat) may be exhibited but may not be entered in fashion revue.
10. For identification purposes, label each item by sewing cloth label inside of each constructed and buymanship garment (back of neck, center back of waistband).
11. Since care labels are not always available, NO care labels are required; however exhibitor should know how to care for fabrics and garments they purchase.
12. An article is an item constructed by hand or machine, including, but not limited to: pin cushion, 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.
13. Exhibits must be displayed at county fair and checked in with superintendents by 9:00 a.m. on check-in day.
14. Buymanship only – 1 entry in each of the four seasons – fall, winter, spring, and summer.

CLOTHING CONSTRUCTION
Article, garment, outfit
Class 1030J by 7-12 yr old member
Class 1030S by 13 and older member

Poster, notebook, display, or work kit
Class 1031J by 7-12 yr old member
Class 1031S by 13 and older member

CLOTHING BUYMANSHIP
Article, garment, or outfit
Class 1032J by 7-12 yr old member
Class 1032S by 13 and older member

Poster, notebook, display, or work kit
Class 1033J by 7-12 yr old member
Class 1033S by 13 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 entry describing the recycled materials and how they were used in the item.

Class 1034J by 7-12 yr old member
Class 1034S by 13 and older member

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

1. All general regulations apply.
2. **Fashion revue:** members enrolled in clothing, crochet, knitting, and quilting may compete.
3. **Entry card required for each** fashion revue entry.
4. Exhibit may have been used/worn, but shall be carefully laundered before being exhibited.
5. Garments made for animals (i.e. dog, cat) may be exhibited but may not be entered in fashion revue.
6. For identification purposes, label each item by sewing cloth label inside of each constructed and buymanship garment (back of neck, center back of waistband).
7. Majority of the outfit commonly considered an outer garment (dress, jacket, skirt, pants, coat, etc.) must be constructed by youth, pieces worn with outfit (blouse, shirt, sweater) can be purchased.
8. Member enrolled in project may enter four (4) fashion revue exhibits per class.
9. All garments/outfits modeled must also be entered in either clothing construction or buymanship classes.
10. **All written scripts, cost sheets, and entry cards are DUE in extension office by July 1st.**
11. Exhibitors must sign in 1:00-1:30 p.m. for modeling.
12. Exhibits worn in fashion revue must be displayed at 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.

**SCORE CARD**

General appearance & knowledge 70%
posture, poise, personal grooming, garment condition, fit of 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 value per wear

**Fashion Revue -Construction:**
Class 1035J revue construction jr 7-13 years
Class 1035S revue construction - sr 14 & older

**Fashion Revue -Buymanship:**
Class 1036J revue buymanship jr 7-13 years
Class 1036S revue buymanship sr 14 and older

**Department 4 Cloverbuds**
Enrollment: 1 (pre-4-H age youth) green participation ribbons ONLY (no rosette or plaque)
Cloverbud may display five (5) entries completed during current year per project. NO livestock can be entered in Cloverbud.
Class 1039 cloverbud display item

**Department 5 4-H Club / FFA Chapter**
Banner /booth /officer books /project display /fair theme
Check in: banners 7/7, at extension office
booth, books, displays 7/10, 7:30 a.m.
one (1) FFA chapter, two (2) 4-H clubs
(2) plaques: secretary book, reporter book
Banners: will NOT be displayed at 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 rule 12, page 9.

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

**Banners must be:**
a. A minimum of 12 and maximum of 16 square feet, with a minimum of 3 feet on one side.
b. Two (2) dimensional display, depicting one idea.
c. 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 "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.
d. 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.
Booths will be:
- Lattice board for sides and back with 1 table for display.
- Same judging criteria as banners.

Banner and booth judging criteria:
1. 40% educational value
2. 20% appearance
3. 20% interest and originality
4. 20% quality of display materials

Class 1040 4-H/FFA banner
Class 1041 4-H/FFA booth

OFFICER NOTEBOOKS: evaluation based on: neatness, completeness, accuracy of current year’s work; see page 10 - notebook, display & poster judging criteria.
Class 1042 4-H/FFA historian book
Class 1043 4-H/FFA project display
Class 1044 4-H/FFA project notebook
Class 1045 4-H/FFA reporter book
Class 1046 4-H/FFA secretary book

FAIR THEME: evaluation on how exhibit uses the current fair theme to promote the fair.
Class 1047J Fair Theme, any item
Class 1047S Fair Theme, any item

Department 6 Dogs
Judging: Tuesday, July 21 in Osborne, KS at Post Rock District Dog Show except educational exhibits judged on Friday, July 10 in Quonset.
Enrollment: 6 sr, 1 jr
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 9: poster, display & notebook criteria.
5. Exhibit must relate to project work completed during the current year.
Poster, Display, or Notebook
Class 1067J by 7-12 yr old member
Class 1067S by 13 and older member

Department 7 Energy Management
(Electric, Small Engine, & Wind Energy)
Enrollment: 1 jr, 2 sr (1) plaque
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 9: poster, display & notebook criteria.

ELECTRIC
5. Items that have been in use must be clean to be exhibited.
6. A sheet of operation instructions must be furnished for any exhibit that is not self-explanatory.
7. Exhibit must be operable, if battery power is required, batteries must be furnished.
8. Any project with a complexity of 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.
9. No hand dipped solder may be used on exhibits.

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 1070J by 7-12 yr old member
Class 1070S 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, 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 such that the judges have access to examine the quality of wiring workmanship.
Class 1071J by 7-12 yr old member
Class 1071S 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 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 such that the judges have access to examine the quality of wiring workmanship.
Class 1072J by 7-12 yr old member
Class 1072S by 13 and older member

Educational Displays and Exhibits: 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.
Class 1073J by 7-12 yr old member
Class 1073S by 13 and older member

SMALL ENGINES
Operation: Exhibit an operable small engine (should be no more than 20 horsepower) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. Engine should contain no fuel in tank or carburetor.
Class 1074J by 7-12 yr old member
Class 1074S by 13 and older member

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 for display.
Class 1075J by 7-12 yr old member
Class 1075S 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 for display.
Class 1076J by 7-12 yr old member
Class 1076S 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 back board. 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 1077J by 7-12 yr old member
Class 1077S 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 1078J by 7-12 yr old member
Class 1078S by 13 and older member

Department 8 Entomology
Enrollment: 1 jr (1) plaque
1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in project may exhibit collection and/or educational exhibit (maximum size 2’ x 3’) in each entomology phase. See page 9: poster, display & notebook criteria.
4. All entries should be submitted in an 18”x24”x 3½” wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased as long as they are of the correct size. Please visit this website for box instructions and plans: www.kansas4-h.org/projects/agriculture-and-natural-resources/entomology.html.
5. Each exhibitor is required to identify each box by placing an identification label bearing exhibitor’s name, county/district, and the class. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so it can be displayed lengthwise. Identification should follow the taxonomy included in www.bugguide.net. Note: “Insects in Kansas” book is being revised to “Insects in Kansas Book: 2016 Revised Taxonomy” which follows www.bugguide.net.
6. 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.
7. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box.
8. Two labels should be centered on the pin beneath each specimen. 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.
9. 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. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
10. Only specimens of the class Insecta should be included.
11. 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.
Display in one standard box a minimum of 50 and maximum of 125 species representing at least 7 orders. Follow the general guidelines listed for collections. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

**Beginning Entomology II**  
**Class 1090 Collection.**  
Display in one standard box a minimum of 75 and maximum of 150 species representing at least 9 orders. Follow the general guidelines listed for collections. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

**Intermediate Entomology**  
**Class 1091 Collection.**  
Display a minimum of 100 and a maximum of 300 insects 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: orders of Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera. On a piece of paper list what you did to improve your collection during the current year. Members can exhibit in this class a maximum of 3 years. A 4-H’er may move up if they receive a purple ribbon.

**Advanced Entomology**  
**Class 1092 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. On a piece of paper list what you did to improve your collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided in this project; and/or what insects you have studied. Attach paper to the back of one of the display boxes. 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. 4-H’ers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the Introductory phase.

2. 4-H’ers may choose to use one of two taxonomies: a) as printed in “Insects in Kansas’ book or b) as printed on the “Insects in Kansas Book: 2016 Revised Taxonomy” which follows [www.bugguide.net](http://www.bugguide.net).

3. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor’s name, county or district and class 4-H’er is enrolled and statement of taxonomy used: a) “Insects in Kansas” book or b) “Insects in Kansas Book: 2016 Revised Taxonomy” 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, state abbreviation and collector name should be included for each species. 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. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.

7. 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 and also on the front of the divider page.

8. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.

9. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.

10. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.

11. Refer to the publication “Entomology Collection Notebook Guidelines” on the Kansas 4-H Entomology web page for more detailed rules for exhibiting.

**Class 1093 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 1094 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.

**Class 1095 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 1096 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 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 duration of the fair), programs, 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”x28”. If the exhibit is a display, 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.

**Class 1097 Beginning Educational Display:** Class for individuals that are exhibiting in the Beginning I and II Collection or Beginning Notebook Classes. If only exhibiting in this category, then ages 9-12.

**Class 1098 Intermediate Educational Display:** Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14.

**Class 1099 Advanced Educational Display:** Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older.

**Department 9 Environmental Sciences**

**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 three (3) entries per class completed in current 4-H yr.
4. See page 9: poster, display & notebook criteria.

**Poster, Display, or Notebook**

Class 1100 J by 7-12 yr old member

Class 1100 S by 13 and older member

**Department 10 Exploring 4-H**

**Enrollment:** 2 jr

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 9: poster, display & notebook criteria.
5. Project is only for 7-9 year olds.

**Poster, Display, or Notebook**

Class 1101 J by 7-9 yr old member

**Department 11 Family Studies**

**Enrollment:** 1 jr (1) plaque

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 9: poster, display & notebook criteria.

**Poster, Display, or Notebook**

Class 1102 J by 7-12 yr old member

Class 1102 S by 13 and older member

**Department 12 Foods & Nutrition**

**Preservation:** 2 sr (1) plaque

**Foods:** 7 jr, 10 sr (2) plaques

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

**NO BAKE SALE this year.**

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 9: poster, display & notebook criteria.
5. Purple ribbon exhibits held until judging is completed and plaque 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 food with custard and dairy-based fillings or frostings (ex. Cream cheese), 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; refer to K-State Research and Extension publication, 4-H 888, Judge’s Guide for Food and Nutrition Exhibits, for information to help make informed, safe food exhibit decisions.

c. Exhibits should be in food grade plastic bags, disposable plastic containers or boxes of appropriate size for the exhibit. Exhibitor is encouraged to attach a 3” x 5” index card with the entry card to provide information which the exhibitor thinks would be helpful for the judge to know.

d. Any baked product that can be removed from the pan should be placed on paper plates, card-board or disposable container of appropriate size for the exhibit.

e. All un-frosted cakes should be exhibited in an upright position with crust showing, except for cakes made with special design such as bundt cakes which should have top crust side down.

f. 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 bread sticks, 1 loaf bread, etc. Under baked entries will be lowered one or more ribbon placings.

g. Exhibitors are encouraged to use whole-grain flours, fruits, nuts, etc., in exhibits and any product may be prepared in a microwave, conventional or convection oven. Inform the judge of method used so it can be judged correctly. Exhibit must be three (3) items (cookies, muffins, rolls), one (1) cup of mixes or snacks, complete product (i.e. cake, pie, bread) -extra items appreciated for food sale (please label items).

h. All food preparation entries will be sold.

i. Attach gummed label to bottom of plate or cardboard with the following information: class number, food product name, 4-H member’s name, and county or district.

j. 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.

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 1106J by 7-12 yr old member
Class 1106S by 13 and older member

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

Class 1107J by 7-12 yr old member
Class 1107S by 13 and older member

Food Gift Package: At least 3 different food items (prepared for human consumption), made by the 4-Her, in a suitable container no larger than 18”x18”x18” product (no alcoholic beverages accepted). Prepared food items must have recipes attached. Additional homemade food items beyond the 3 minimum, or purchased items may also be included in the gift basket; on back of entry card, answer these questions: a) what is the intended use b) what food safety precautions taken during and after preparation? Home canned foods must follow Food Preservation rules. 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 manufacturer’s instructions. They could break during baking.

Class 1108J by 7-12 yr old member
Class 1108S by 13 and older member

Nutrition Poster, Notebook, or Display

Class 1110J by 7-12 yr old member
Class 1110S by 13 and older member

Miscellaneous Food (decorative or unique)

Class 1111J by 7-12 yr old member
Class 1111S by 13 and older member

Cut-up Cake

Class 1112J by 7-12 yr old member
Class 1112S by 13 and older member

Decorated Cake (county class only)

Class 1113J by 7-12 yr old member
Class 1113S by 13 and older member

Food Preservation Rules:
(See special preservation awards on next page.)

Food 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.

Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be disqualified. Recipe must include exhibitor name, recipe source, date of publication and altitude where
n. Recipes and processing methods from the sources below are recommended. Recipes must be from 1995-present 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. For more information on electric multi-cookers, see http://nchfp.uga.edu/publications/nchfp/factsheets/electric_cookers.html. 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; So Easy to Preserve, 6th Edition, The University of Georgia Cooperative Extension Service; Ball Blue Book Guide to Preserving; Ball Complete Book of Home Preserving; All New Ball Book of Canning and Preserving; canning mixes (i.e. Mrs. Wage’s, Ball); Pectin manufacturers (i.e. Sure Jell, Ball); and http://www.rrc.ksu.edu/preservation/recipes.html. Refer to following K-State Research and Extension publications for more information: 4H712, “Food Safety Recommendations for Food Preservation Exhibits”; MF3170, “10 Tips for Safe Home-Canned Food”; MF3171, “Sassy Safe Salsa at Home”; MF3172, “What’s Your Elevation?”; MF3241 “How to Guide to Water Bath Canning and Steam Canning”; MF3242, “How to Guide to Pressure Canning”.

o. Exhibit must be sealed 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. Do not add fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. No fancy packs unless 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. 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.

p. Each jar exhibited must be labeled. The label must not cover the brand name of the jar. The label must give: class #, product, 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 (labels available from extension office).

q. Hole punch the entry card and use a rubber band to attach the two sectional entry form around the top of the jar.

r. Alcohol is not allowed as an ingredient in food entries or entry will be disqualified and not be judged.

s. 1 jar per entry; no colored jars. No food preservation in food sale.

t. If 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. All meat jerky must be heated to an internal temperature of 160 degrees F before or after drying. This is not the drying temperature! Dried products must include the recipe, preparation steps and heating instructions. 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.

Sweet Spreads, Syrups
(jams, jellies, butters, marmalades, syrups; fruit and/or vegetables)
Class 1115J by 7-12 yr old member
Class 1115S by 13 and older member

Fruits, Juices
(fruit mixtures: salsa, pie filling, etc.)
Class 1116J by 7-12 yr old member
Class 1116S by 13 and older member

Low Acid Vegetable
(green beans, corn, etc or vegetable mixtures)
Class 1117J by 7-12 yr old member
Class 1117S by 13 and older member

Pickles and Relishes
(fruit or vegetable, fermented foods, chutney)
Class 1118J by 7-12 yr old member
Class 1118S by 13 and older member

Tomato/Tomato Products
(tomato juice and tomato salsas)
Class 1119J by 7-12 yr old member
Class 1119S by 13 and older member

Meats
Class 1120J by 7-12 yr old member
Class 1120S by 13 and older member

Dried Foods
Class 1121J by 7-12 yr old member
Class 1121S by 13 and older member
Department 13 Forestry

Enrollment: 0

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 project should be on front cover or in a prominent location.
5. Leaves should be identified with an appropriate label located near the leaf on the same page, include proper common name as listed in the 4-H Bulletin 334 List of Native Kansas Forest Trees, https://www.bookstore.ksu.edu/pubs/4H334.pdf on label include a) location (city and/or county) where collected b) date (day, month, year) or (month, day, year) collected.
7. Enter only in phase enrolled.
8. New specimens are those specimens collected during current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
9. Group specimens according to the years collected (ex: “old-previous years” and “new”).
10. Variations of varieties do not count as different species or specimens.
11. 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.
12. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.
13. In all leaf collections, exhibit one complete leaf where possible. If 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.
14. 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. 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 1130J by 7-12 yr old member
Class 1130S 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. 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 1131J by 7-12 yr old member
Class 1131S 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. Exhibit can include non-native 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. Exhibit must include 5 new leaf, twig, & fruit specimens.
Class 1132J by 7-12 yr old member
Class 1132S 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. 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 20 native Kansas trees showing leaf, twig, and fruit from each species collected. Exhibit must include 10 new leaf, twig, and fruit specimens.
Class 1133J by 7-12 yr old member
Class 1133S 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 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 1134J by 7-12 yr old member
Class 1134S 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 1135J by 7-12 yr old member
Class 1135S 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 1136J by 7-12 yr old member
Class 1136S by 13 and older member

Tree Culture Display/Notebook: Entry requires a display or project notebook showing your project work, includes pictures of before, during, and after wood lot improvement.

Class 1137J by 7-12 yr old member
Class 1137S 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 1138J by 7-12 yr old member
Class 1138S by 13 and older member

Education/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 1139J by 7-12 yr old member
Class 1139S by 13 and older member

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 1150-1153 specimens should be mounted in the box by proper groups: rocks, minerals, fossils; fossils must be identified to the Phylum, Class and Genus level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be 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 KS, 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 1150J by 7-12 yr old member
Class 1150S by 13 and older member

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

Class 1151J by 7-12 yr old member
Class 1151S 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 1152J by 7-12 yr old member
Class 1152S 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 1153J by 7-12 yr old member
Class 1153S 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.** 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 1154J by 7-12 yr old member  
Class 1154S 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: CaCO3 for calcite) if known.

Class 1155J by 7-12 yr old member  
Class 1155S by 13 and older member

**Fossil 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 1156J by 7-12 yr old member  
Class 1156S 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 1157J by 7-12 yr old member  
Class 1157S 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).

**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 1158J by 7-12 yr old member  
Class 1158S 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 1159J by 7-12 yr old member  
Class 1159S 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 1160J by 7-12 yr old member  
Class 1160S 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 1161J by 7-12 yr old member  
Class 1161S 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 1162J by 7-12 yr old member  
Class 1162S by 13 and older member

**Department 15 Health & Wellness**

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 three (3) entries per class completed in current 4-H yr.
4. See page 9: 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 1165J by 7-12 yr old member
Class 1165S by 13 and older member

Maintaining Your Bicycle: poster, display, notebook
Class 1166J by 7-12 yr old member
Class 1166S by 13 and older member

Health: poster, notebook, display
Class 1167J by 7-12 yr old member
Class 1167S by 13 and older member

Outdoor Adventure: poster, display, notebook
Class 1168J by 7-12 yr old member
Class 1168S by 13 and older member

Recreation: poster, notebook, display
Class 1169J by 7-12 yr old member
Class 1169S by 13 and older member

Department 16 Home Environment
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 three (3) entries per class completed in current 4-H yr.
4. See page 9: 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. Summary could also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. 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.

Single exhibit: An article (furniture, fixtures, interior or exterior, etc.) made by the 4-Her for the home. Must include attached summary.
Class 1175J by 7-12 yr old member
Class 1175S by 13 and older member

Design Board: Boards must be on foam core or a standard tri-fold display. Include: color scheme, wall treatment, floor treatment, samples, etc. and/or floor plan for a room. Must include attached summary.
Class 1176J by 7-12 yr old member
Class 1176S by 13 and older member

Notebook: May include floor plans, swatches, colors, stories, photographs, & project records which detail what was accomplished this year with given indication of long term plans. Notebooks should also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Additional summary is not required for Notebook exhibits.
Class 1177J by 7-12 yr old member
Class 1177S by 13 and older member

Department 17 Leadership
Enrollment: 2 jr, 6 sr (1) plaque
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 9: poster, display & notebook criteria.
5. Exhibit must display work relating to current 4-H year.
6. Judging will be based on the exhibit (50%) and the leadership interview (50%).

Leadership poster, notebook, display
Class 1180J by 7-12 yr old member
Class 1180S by 13 and older member

Department 18 Pets
Judging: 11:30 a.m. Friday, July 10, Quonset for Pets Show & Tell. Class 1190 will be judged Friday, July 10 prior to Pets Show
Enrollment: 3 jr, 1 sr (1) plaque
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 9: poster, display & notebook criteria.
5. Digital photos taken for display of all pets entered.
6. Show & tell showmanship criteria: presentation -30% subject -30% interest -10% summary -10% appearance -10% visuals/equipment -10%

Pets poster, notebook, display
Class 1190J by 7-12 yr old member
Class 1190S by 13 and older member

Pets show and tell
Class 1191J by 7-12 yr old member
Class 1191S by 13 and older member
Department 19 Photography

TO SIGN-UP a TIME (Put photos in the appropriate box -jr/sr - by your last name)

Enrollment: 9 jr, 13 sr (2) plaques

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. Remove white border from the photo print before mounting, 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 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.
7. A full coverage permanent mount (spray adhesive recommended or heat mount) must be made (matte and spray adhesive available at 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 undersize 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. Digital Composite Image: Finished photo must be created from two or more original images photographed by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process.

13. 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.
14. 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.
15. Photos with live subject(s) on railroad right away or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.
16. Copyright protections must be observed.

Color Enlargement
Class 1200J by 7-12 yr old member
Class 1200S by 13 and older member

Black and White Enlargement
Class 1201J by 7-12 yr old member
Class 1201S by 13 and older member

Slides (color or black and white)
Class 1202J by 7-12 yr old member
Class 1202S 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 1203J by 7-12 yr old member
Class 1203S by 13 and older member

Digital Composite Image
Photo must be created from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12-1/2 matte board (Explanation Board) mounted with standard size print or prints of the original photo(s) and 3 x 5 card(s) explaining what manipulation was done and a standard size print of the final photo. Optional, may include prints of editing steps, photos showing editing steps may be layered. Please put name and extension unit on the front of the second board. Explanation Boards will be displayed along with the finished board. Place both matte boards in the same protective plastic bag. Note: See rule 12 above for definition.
Class 1204J by 7-12 yr old member
Class 1204S by 13 and older member

Portfolio Classes
Growth Portfolio: Member must have been enrolled in Photography project for five years or more. Exhibit will consist of 5 photos – one from each of the past 5 years of enrollment. Each photo must have been created in a different year and must be labeled with year taken and which year of enrollment it represents. Photos must be 8"X10" and may be color or black and white. An
information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed. Skill set used to create the photo must be given and explained. Main goal for each year should be listed. Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet. Exhibit will consist of photos arranged in chronological order of enrollment, information sheet on each photo, and all information listed above. A portfolio book will be required.

Class 1205J by 7-12 yr old member
Class 1205S by 13 and older member

Career Portfolio: Member must have been enrolled Photography for 5 or more years OR must be age 15-19 and been enrolled in photography for at least 2 years. 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, Photo Journalism, Black & White, Nature/Wildlife or Graphic Design (computer skills with photos). Photos may have been created over multiple project years. Photos may be color except if Black and White option is chosen. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed. 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. Exhibit will be presented in a notebook designed for portfolio review with pages for required information listed above.

Class 1204J by 7-12 yr old member
Class 1204S by 13 and older member

Note: A member may enter only one portfolio each year.

County Classes, not eligible for state fair.
Photo Album, current year’s work
Class 1206J by 7-12 yr old member
Class 1206S 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 1207J by 7-12 yr old member
Class 1207S 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 1208J by 7-12 yr old member
Class 1208S by 13 and older member

---

Department 20 Plant Science
Enrollment: Field Crops: 2 jr, 4 sr (1) plaque
Floriculture: 3 jr, 2 sr (1) plaque
Horticulture: 2 jr, 4 sr (1) plaque

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. (exception soybean seed, edible field bean seed).
4. See page 9: poster, display & notebook criteria.

FIELD CROPS
a. Exhibits should be as mature as possible.
b. Varieties must be named for each class.
c. Exhibit must be from most recent harvest.
Corn: white &/or yellow, 10 ears
Class 1220J by 7-12 yr old member
Class 1220S by 13 and older member

Sorghum: hybrid grain 10 heads, hybrid forage, entire plant, no roots, &/or other forage, entire plant, no roots
Class 1221J by 7-12 yr old member
Class 1221S by 13 and older member

Wheat: soft red &/or hard red winter &/or hard white, one gallon
Class 1222J by 7-12 yr old member
Class 1222S by 13 and older member

Sunflowers: confectionery 3 heads or one gallon seeds &/or oil seed 3 heads &/or seed, one gallon jar
Class 1223J by 7-12 yr old member
Class 1223S by 13 and older member

Oats, one gallon
Class 1224J by 7-12 yr old member
Class 1224S by 13 and older member

 Alfalfa, one gallon &/or tied in 2 directions 6” thick flake, rectangular bale, &/or 10” section cut from round bale
Class 1225J by 7-12 yr old member
Class 1225S by 13 and older member

Barley, one gallon
Class 1226J by 7-12 yr old member
Class 1226S by 13 and older member

Grass Hay tied in 2 directions: 6” thick flake, rectangular bale, or 10” section cut from round bale
Class 1227J by 7-12 yr old member
Class 1227S by 13 and older member
Brome Grass one gallon sample of seed
Class 1228J by 7-12 yr old member
Class 1228S by 13 and older member

Other Tame Grasses one gallon sample of seed
Class 1229J by 7-12 yr old member
Class 1229S by 13 and older member
Soybeans one gallon sample seed &/or bundle of five plants
Class 1230J by 7-12 yr old member
Class 1230S by 13 and older member

Edible Field Beans, one gallon sample seed &/or bundle of 5 plants with roots
Class 1231J by 7-12 yr old member
Class 1231S by 13 and older member

Miscellaneous Crops: one gallon sample of seed &/or 10 heads
Class 1232J by 7-12 yr old member
Class 1232S by 13 and older member

4-H Wheat Plot Variety display: Exhibitor must be enrolled in wheat variety plot project. Free standing 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 booth exceeds overall dimensions, ribbon placing will be dropped one place. 70% educational value (is 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, 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 1233J by 7-12 yr old member
Class 1233S by 13 and older member

Weed Control exhibit: 9"x12" scrapbook: collect, identify, press, permanently mount, and label 15 weeds (try to include roots, stems, leaves, and flowers, 3 of the weeds must be noxious weeds found within county), list common name, scientific name, where was found. Write a story on “How We Control Weeds on Our Farm” if you live on a farm or “How We Control Weeds at Home” (300 words, must show definite methods used to control weeds). Judging criteria: 50% records, 20% story, 30% weed seed collection and exhibit.
Class 1234J by 7-12 yr old member
Class 1234S by 13 and older member

Annual Garden Flower, single stem, cut specimen
Class 1240J by 7-12 yr old member
Class 1240S by 13 and older member

Perennial Garden Flower, single stem, cut specimen
Class 1241J by 7-12 yr old member
Class 1241S by 13 and older member

Fresh Flower Arrangement
Class 1242J by 7-12 yr old member
Class 1242S by 13 and older member

Dried Flower Arrangement, no fabric or plastic material allowed
Class 1243J by 7-12 yr old member
Class 1243S by 13 and older member

Other Flower Arrangement
Class 1244J by 7-12 yr old member
Class 1244S by 13 and older member

County Classes, not eligible for state fair:
Flower Arrangement any artificial, dried, silk, plastic
Class 1245J by 7-12 year old member
Class 1245S by 13 and older member

Potted Plant
Class 1246 J by 7-12 yr old member
Class 1246 S by 13 and older member

Hanging Plant
Class 1247J by 7-12 yr old member
Class 1247S by 13 and older member

Terrarium
Class 1248J by 7-12 yr old member
Class 1248S by 13 and older member

Other
Class 1249J by 7-12 yr old member
Class 1249S by 13 and older member

HORTICULTURE
a. Exhibiting Fruits & Vegetables - KSU C405 will be used as a guideline in preparing horticulture exhibits. It is available at:
b. 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.
c. Quality and condition of the exhibit will be considered, choose vegetables for 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.
d. As judging ends and with exhibitor’s permission one small / medium vegetable will be kept for display and rest of exhibit sold at food sale or used in food stand.

FLORICULTURE
a. Each cut flower specimen must be of a different species.
b. All plant materials must be grown and/or collected by exhibitor, not purchased. Entries should not take over one square foot of table space.
Garden Display: Each exhibitor is limited to four square feet of space. Exhibit consists of five (5) different fresh vegetables or fruits; canned products and shelled vegetables 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). Display must be exhibited in a tray, basket or container that can be easily moved by the fair staff. Quality and condition of exhibit will be considered; choose vegetables 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.

Class 1255J by 7-12 yr old member
Class 1255S by 13 and older member

Small Vegetable Specimen Plate (12 each) green snap beans, yellow wax beans, radishes other small vegetables.
Class 1256J by 7-12 yr old member
Class 1256S by 13 and older member

Medium Vegetable Specimen Plate (5 each) cucumbers, cherry tomatoes, tomatoes, beets, onions (white, yellow, red), bell peppers, other peppers, radishes, okra, parsnips, turnips, potatoes (sweet, red, white or Russet), carrots, miniature pumpkin, decorative gourds, or other medium vegetables.
Class 1257J by 7-12 yr old member
Class 1257S by 13 and older member

Large Vegetable Specimen Plate (one each) watermelon, squash (summer or winter), pumpkin, eggplant, cabbage, cantaloupe, other large vegetable.
Class 1258J by 7-12 yr old member
Class 1258S 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 1259J by 7-12 yr old member
Class 1259S by 13 and older member

Small Fruits (one half pint box) strawberries, blackberries, raspberries, or other similar sized fruits.
Class 1260J by 7-12 yr old member
Class 1260S by 13 and older member

Tree Fruits (plate of 5) apples, pears, peaches, or similar sized fruits.
Class 1261J by 7-12 yr old member
Class 1261S by 13 and older member

Grapes (plate of 2 bunches)
Class 1262J by 7-12 yr old member
Class 1262S 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 1263J by 7-12 yr old member
Class 1263S by 13 and older member

Department 21 Public Speaking/Communications

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 three (3) entries per class completed in current 4-H yr.
4. See page 9: poster, display & notebook criteria.

Poster, notebook, display
Class 1270J by 7-12 yr old member
Class 1270S by 13 and older member

Department 22 Reading

Enrollment: 2 jr (1) plaque
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 9: poster, display & notebook criteria.

Poster
Class 1275J by 7-12 yr old member
Class 1275S by 13 and older member

Book Display with written explanation about books
Class 1276J by 7-12 yr old member
Class 1276S by 13 and older member
Box Scene with written summary of story
Class 1278J by 7-12 yr old member
Class 1278S by 13 and older member

Other
Class 1279J by 7-12 yr old member
Class 1279S by 13 and older member

Department 23   Self Determined
Enrollment: 1 jr, 2 sr       (1) plaque
1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 9: poster, display & notebook criteria.

Self-determined notebook, poster, display
Class 1290J by 7-12 yr old member
Class 1290S by 13 and older member

Department 24   Shooting Sports
Enrollment: 2 jr       (1) plaque
1. All general regulations apply.
2. 2-sectional entry card is required for each exhibit.
3. Member enrolled in project may exhibit three (3) entries per class completed in current 4-H yr.
4. See page 9: poster, display & notebook criteria, plus posters must be flat. Notebooks – no larger than 8 ½ x 11.
5. 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.
6. Exhibits will not be accepted if they are related to reloads.
7. Entries will prominently incorporate the 4-H Clover with KSRE co-branding and should include the Kansas 4-H Shooting Sports emblem. Failure to do so will penalize entry one ribbon color.
8. Name, county or district, age and year in project should be on the front of the poster, display, or notebook.
Note: State Fair has educational displays, promotional posters and notebooks only.

Shooting sports notebook, poster, display
Class 1295J by 7-12 yr old member
Class 1295S by 13 and older member

Department 25   Space Tech
(Astronomy, Computers, Robotics, & Rocketry)
Enrollment: 2 jr, 2 sr       (1) plaque
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 9: poster, display & notebook criteria

ASTRONOMY
1. Telescopes entered may be built from a kit or original design. Pre-finished telescopes which require no construction or painting 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 should be attached to the outside of a 10"x13" manila envelope, must also include construction plans (or a photocopy) of the telescope and place it inside the manila envelope.
4. 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.
5. Telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
6. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.

Telescope made from Kit
Class 1300J by 7-12 year old member
Class 1300S by 13 and older member

Telescope made from Original Design
Class 1301J by 7-12 year old member
Class 1301S by 13 and older member

Astronomy Educational exhibit and project noteook
Class 1302J by 7-12 year old member
Class 1302S by 13 and older member

Astronomy Educational poster
Class 1303J by 7-12 year old member
Class 1303S by 13 and older member

COMPUTERS
The 4-H computer project teaches concepts related to computers, hardware knowledge, software programming and applications, internet safety, the building, maintenance and repair of computers and future career opportunities. Please note that the actual construction of computer hardware (i.e., building a computer, electronic devices with a mother-board based manipulation) will remain in the Energy Management division.
1. Project notebooks must be organized in a 3-ring binder.

Computer notebook, poster, display
Class 1304J by 7-12 yr old member
Class 1304S by 13 and older member

Notebook of Book Reviews, at least five (5)
Class 1277J by 7-12 yr old member
Class 1277S by 13 and older member

Class 1295S by 13 and older member

Class 1278S by 13 and older member

Class 1279S by 13 and older member

Class 1279J by 7-12 yr old member

Class 1290S by 13 and older member

Class 1290J by 7-12 yr old member

Class 1295J by 7-12 yr old member

Class 1295S by 13 and older member

Class 1297J by 7-12 yr old member

Class 1297S by 13 and older member

Class 1298J by 7-12 yr old member

Class 1298S by 13 and older member

Class 1299J by 7-12 yr old member

Class 1299S by 13 and older member

Class 1300J by 7-12 year old member

Class 1301S by 13 and older member

Class 1303J by 7-12 year old member

Class 1303S by 13 and older member

Class 1304S by 13 and older member

Class 1304J by 7-12 yr old member
COMPUTER SYSTEMS
The Kansas 4-H SpaceTech Computer systems portion of the computer 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). Any item which IS NOT a notebook, display board, or poster displayed in this class is considered a “computer system” exhibit and MUST follow the rules set forth below.

1. All exhibits must be a) self-contained on a USB drive (thumb drive, flash drive, jump, or any other name for a small USB storage device; the rules will use “USB drive”). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below or b) System-On-A-Chip (SOC) (such as RaspberryPi) or a Micro-Controller (such as an Arduino or Ozobot) AND is a compact (less than 4-8”X4-8”X4-8”) system, which can be programmed AND requires minimal assembly to operate (e.g. connecting power, display, and keyboard/mouse cables). Referred to as a “chip system” through the rest of the rules.

2. Physical computers such as tablets, smart phones, laptops, or personal computers (PCs) will not be accepted as an exhibit.

3. “Chip systems” may use/include GPIO bread boards or HATs (Hardware Attached On Top) the size of which is not included in the size of the chip system, however the total size of the chip system and GPIO devices may not exceed 24”X24”X24” including any display cases.

4. Any attached GPIO devices are not judged for electrical construction or quality as this division is focused on the operational aspects of the systems that have automated articulated structures (arms, wheels, grippers, etc.) which the exhibitor constructed, can also be classified as a robot, and exhibitor must decide which division to exhibit in as the exhibit may not be entered in both divisions.

5. For chip systems, all electric components of the system must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for the electrical components.

6. All revisions of all forms previously released for the SpaceTech 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 Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.

7. For all computer system entries the following items are required as part of an exhibit packet: a manila envelope with the Computer Exhibit Form attached to the front; a USB drive labeled with the 4-Hers name, county/district, and club (in a way that does not prevent it from being plugged into a computer); for exhibits that are entered on USB drives, at least one graphic (picture, screen shot/capture, slide, etc.) of the project must be printed out on an 8.5”x11” sheet of standard computer paper, placed in a plastic sheet protector, to allow for proper display and recognition, (on the back side of the graphic the 4-Hers name, county/district, and club should be listed); Instructions to run any part of the exhibit on the USB drive. There should be at least three items in your manila envelope: USB drive, graphic and instructions.

8. Each exhibit must be accompanied by a “4-H Engineer’s Journal.” The engineer’s journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila envelope. The “4-H Engineer’s Journal” should start with a dated entry describing what the 4-H member is trying to accomplish/build; should conclude with a dated entry describing what the 4-H member achieved in creating (The start and end many times will be different. The judges are interested in the journey.); additional entries should be made as progress occurs describing successes and failures, as well as the steps done and any sources of information including links used; pictures can also be included but should not be more than 50% of the entries; must be at least 3 pages in length; should contain at least one graphic; will comprise 50% of the overall exhibit score. An example of the journal can be found at: www.KansasSpaceTech.com. Failure to include a “4-H Engineer’s Journal” will result in the exhibit being disqualified.

9. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive. Failure to include a copy of the “source code” may result in up to one ribbon place deduction.

10. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits. A set of instructions must be provided to run the computer system/application. These instructions should be printed off and included in the exhibit package and a copy should be included on the USB drive. Instructions should be written as though you were helping a less techy person (like a grandparent) use the USB drive. An example of instructions can be found at www.KansasSpaceTech.com.

11. It is recommended that 4-Hers bring a computer that will run their project to the fair for judging as judges typically do no bring computers with them.

12. The youth must be present at judging time to demonstrate how their project works with their written instructions.

13. Each exhibit must accomplish a specific automated task using a computer, a chip system, or virtual machine (VM).

14. 4-Hers should not assume that the computer will have Internet connectivity and that any parts of the exhibit that require Internet access will not work. It is strongly recommended that 4-Hers test exhibits on a computer with Internet connectivity disabled.
15. Kansas 4-H SpaceTech has made available Linux Virtual Machines (VM) that can be downloaded and used to create projects on such as web servers, networking, and many other projects. For more information on these VMs can be leveraged or to download them visit www.KansasSpaceTech.com. 4-Hers are not required to use the VMs in their projects. They are optional.

16. All licensing should be adhered to for any software used in the exhibit. Failure to do so will result in a reduction of one ribbon placing and may not be considered for the best ribbon.

17. The creation of viruses, malware, malicious application or, defamatory language or graphics, bullying, or any material that is “mean,” “dangerous,” or harmful according to the judge’s opinion will result in the exhibit being disqualified.

18. Pictures or still graphics created are not eligible for entry as a project in this division, and should be entered in the appropriate photography division.

19. There are four areas each exhibit will be judged on. They are: 4-H Engineer’s Journal (what I learned to make it work), 50% overall score; Instructions (how I help others make it work), 25% overall score; Functionality (does it work), 12% overall score; and diagrams (and code it applicable) (how I think it works), 13% overall score.

**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 1305J* by 7-12 yr old member
*Class 1305S* by 13 and older member

**Computer Presentation** such as power point, web page/site, animated graphics, etc.

*Class 1306J* by 7-12 yr old member
*Class 1306S* by 13 and older member

**Single Computer System** such as web server, database server, etc.

*Class 1307J* by 7-12 yr old member
*Class 1307S* by 13 and older member

**Networked System** consisting of two or more computers

*Class 1308J* by 7-12 yr old member
*Class 1308S* by 13 and older member

**Chip System** a small (4-8”x4-8”x4-8") programmed physical device that accomplishes a specific task

*Class 1309J* by 7-12 yr old member
*Class 1309S* by 13 and older member

**GPS/GIS (Not for state fair.)**

1. 4-H Geospace project teaches concepts related to GPS (Global Positioning Systems) and GIS (Geographic Information Systems), geospatial technology

2. Educational display boards, posters and notebooks should be creative and showcase something specific you have learned in the GPS/GIS project during the current year, follow copyright laws, see page 9, rule 12. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.

3. Each GPS/GIS exhibit must include a GPS/GIS “Exhibit Information Form”, which should be attached to the outside of a 10”x13” manila envelope. All supporting materials must fit in the manila envelope.

4. Photographs complementing the project are required. Photographs should be mounted on one side of an 81/2”x11” page. A brief caption should accompany each photograph. Place photo page in manila envelope.

5. Team exhibits are defined as developed by two or more 4-H members.

6. Geocache boxes should show growth from year-to-year, and not just be the same exhibit from the previous year(s).

**Geocache Box** must include geocache box with contents, description, photograph and map of location in which box will be located. Failure to include photograph and/or map will results in a lowering of one ribbon placing. Check www.geocaching.com for instruction on place and description.

*Class 1310J* by 7-12 yr old member
*Class 1310S* by 13 and older member

**GPS/GIS Map** One map constitutes an entry; map can be either informational or directional, computer generated or hand drawn. A map is a single product of the data gathering, manipulation and presentation skills, (multiple related maps should be entered under the community mapping projects). Value is placed on youth that can model the learning process, or show how their skills have increased while completing the map. Only one inset map within a larger over-all map is allowed. Maps must have relevant cartographic elements as part of the map.

**GPS/GIS Map Individual**

*Class 1311J* by 7-12 yr old member
*Class 1311S* by 13 and older member

**GPS/GIS Map Team: Class 1312**

**GPS/GIS Community Mapping Project** Two or more maps on a related project constitute an entry; maps can be either informational or directional. Complete and attach a Map Project Description Sheet with entry. Projects consist of a detailed goal and multiple applications of either GPS or GIS skills, a conclusion is reached, a problem was evaluated or studied, a solution was found (or the problem was better defined). Value is placed on youth that can model the learning process, or show how their skills have increased while completing the project. Maps must have relevant cartographic elements as part of the map.
ROBOTICS

Class 131J by 7-12 yr old member
Class 131S by 13 and older member

Class 1315J by 7-12 yr old member
Class 1315S by 13 and older member

GPS/GIS Community Mapping Individual

Class 1313J by 7-12 yr old member
Class 1313S by 13 and older member

GPS/GIS Community Mapping Team: Class 1314

GPS/GIS notebook, poster, display may include, but not limited to, explanation of the parts of a GIS map, illustration of how GPS works, information on “Youth Favorite Places,” etc.

Class 1315J by 7-12 yr old member
Class 1315S by 13 and older member

GPS/GIS Team Mapping Educational Display should show and explain the project in detail including printouts of maps, pictures of the project being done, who was collaborated with, and how the project results have and will be utilized.

Class 1316

Geography notebook, poster, display should include what was learned and knowledge gained about geography. Value is placed on youth that can model the learning process, or show how their skills have increased while completing the project.

Class 1317J by 7-12 yr old member
Class 1317S by 13 and older member

ROBOTICS

1. Each robot must be free-standing, without the need for additional supports in order to be moved or exhibited. Each exhibit must include a robot, information packets are not a sufficient exhibit.

2. Robots dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep, weight may not exceed 15 pounds. If displayed in a case (not required or encouraged) the outside case dimensions may not be more than 26 inches in height, width, or depth. 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 robots 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 exhibitors name(s).

3. All electric components of the robot must be adequately covered or concealed with protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.

4. Robots may be powered by an electrical, battery, water, or solar source only. Robots powered by fossil fuels/flammable liquids will be disqualified. Robots that include weaponry of any kind will be disqualified.

5. Each exhibitor is required to complete the “4-H Space Tech Robotics Exhibit Information Form” which is available through your local K-State Research and Extension office. Form must be attached to the outside of a 10” x 13” manila envelope. The youth must be present at judging time to demonstrate how their project works with their written instructions.

6. 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, and one to three pages of project photographs. In addition a 5 minute video presentation placed on a CD, DVD, USB drive, or similar removable storage device, if applicable. 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. Exhibitor may enter their electronic project listed under the electric program as under the SpaceTech robotics project if the exhibitor chooses. No exhibitor will be allowed to set up their robot in person. In the event that the robot uses a device like a phone, iPad, or tablet for programming AND control of the robot, a video will be used to evaluate the working condition of the robot.

7. 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 included function, examples include, but are not limited to: following a line, sweeping the floor, solving a rubix cube, sorting colors, or climbing stairs.

8. For displays, no electricity will be provided.

9. 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 systems division or energy management project. Robots requiring no assembly, just programming, such as Ozobots, are considered computer systems projects as the skill is focused on the programming not on the construction of the robot.

10. There are no county or district boundaries that must be adhered to in order to form a Kansas 4-H Space Tech Robotics team. However, each team member must be currently enrolled in the Kansas 4-H SpaceTech project.

Novice Ages 7-8 years
Robot made from Commercial (purchased) Kit
Class 1320J by 7-12 year old member
Class 1320S 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 1321J by 7-12 year old member
Class 1321S by 13 and older member

Programmable robot made from Commercial (purchased) Kit
Class 1322J by 7-12 year old member
Class 1322S 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 1323J by 7-12 year old member
Class 1323S by 13 and older member

Junk Drawer Robotics
Class 1324J by 7-12 year old member
Class 1324S by 13 and older member

Educational display, poster, or notebook
Class 1325J by 7-12 year old member
Class 1325S by 13 and older member

Intermediate Division Ages 9 to 13 years
Robot made from Commercial (purchased) Kit (No programming, just assembly.)
Class 1326J by 9-12 year old member
Class 1326S 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 1327J by 7-12 year old member
Class 1327S by 13 and older member

Programmable robot made from Commercial (purchased) Kit
Class 1328J by 12 year old member
Class 1328S by 13 and older member

Senior Division Ages 14 and up
Robot made from Commercial (purchased) Kit (No programming, just assembly.)
Class 1332J by 7-12 year old member
Class 1332S 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 1333J by team of 7-12 old members
Class 1333S by team of 13 and older members

Programmable robot made from Commercial (purchased) Kit
Class 1334J by 7-12 year old member
Class 1334S by 13 and older member

Robot Designed and Constructed by Exhibitor of from a commercial kit that is operated by a remote controlled device.
Class 1335J by 7-12 year old member
Class 1335S by 13 and older member

Junk Drawer Robotics
Class 1336J by 7-12 year old member
Class 1336S by 13 and older member

Educational robotics display, poster or notebook
Class 1337J by 7-12 year old member
Class 1337S by 13 and older member

Team Division - Team Robotics Project
Robot designed and constructed by 2 or more 4-H Space Tech 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 SpaceTech 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 1338J by 7-12 year old member
Class 1338S by age 13 and older
ROCKETRY: general definitions for all 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 existing or historical guided missile, rocket vehicle, or space vehicle.” The intent of scale modeling is, according to the NAR “to produce an accurate, flying replica of a real rocket vehicle that exhibits maximum craftsmanship in construction, finish, and flight performance. “NAR “pink book” 50.14-1.

2. For the purposes of a Kansas 4-H SpaceTech high powered rocket is defined as a rocket that meets any of the following criteria:
   a. is 2 inches or greater in diameter (not including fins) and taller than 3 feet (36 inches including fins), OR
   b. weighs more than 3,3125 pounds (53 ounces or 1500 grams) at the time of launch OR
   c. uses an “H” engine or larger to launch OR
   d. the total impulse of all engines used in the rocket is greater than 20.01 Newton-seconds of thrust
   e. models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g.:
      1) average thrust in excess of 80.01 Newtons
      2) contains in excess of 2.2 ounces (62.5 grams) of propellant and are limited to only H and I motors.

3. For the purposes of Kansas SpaceTech NO rocket may be launched using engines totaling more than an “I” impulse engine or 640 Newton-seconds of total thrust.

4. NAR refers to the National Association of Rocketry and its governing board.

5. All NAR documents with the exception of the “pink book,” referenced herein can be found at http://www.nar.org.

6. NAR rules for launching and construction of all rockets are assumed to be used by all 4-H SpaceTech exhibitors and will be considered during judging.

7. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.

8. 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.


10. If a fire burn ban is in effect for Jewell County, participants are not required to launch their rocket(s). All requirements for the launching of rockets for the fair and the documenting of the launching are suspended for the duration of the ban.

**General Rules for All Categories**

1. To exhibit in this division, the rocket must have been flown, unless a burn ban is in effect. Support rods must not extend past the tip of the highest nosecone on the model; support rods must remain in the upright position, 90 degrees to the display base. Do not angle. No model may be submitted on a launch pad.

2. Engines and igniters, under any circumstance, ARE NOT permitted with the exhibit and constitute an immediate disqualification. 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. Engines may not be used as display stands hollowed out or otherwise. This is a new rule as of 2011. Engines used as a display stand will be subject to immediate disqualification.

3. The report that accompanies the rocket must be limited to the 4-H Rocket Exhibit Information Form that is glued to the 10"x13" envelope. This may be downloaded from www.KansasSpaceTech.com. This envelope should NOT be attached to the rocket stand or rocket. The Information form should be signed by the exhibitor.

4. Plans (or a photocopy) must be placed inside envelope. This includes original design rockets. If a rocket kit has been modified structurally, notations (which must provide all necessary details to construct an original design rocket) need to be given that indicate 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. One or more photographs of the rocket during construction and at the launch site are required. Photographs showing the rocket at the moment of ignition are preferred and should be mounted on one side of a 8½”x11” page. There are to be at least 1 page of photos and no more than 5 pages of photos. Include at least one photo showing rocket construction, preferably with the exhibit included. Do not include photos of members catching their rocket as they return to earth. This is an unsafe practice, and we do not recommend or condone this practice. Pictures at the launch site are not required in the event of a burn ban. Any rocket exhibit not including this completed envelope will receive an automatic participation ribbon.

5. Original design rockets cannot be a modification of a pre-existing kit and must be of original design, must be designed by the exhibitor, must include detailed instructions, so that someone could construct the original designed rocket just like a kit purchased at a store. Instructions can be as many pages as needed to convey full and complete construction techniques. Instructions
should not include copies of instructions in part or in whole from existing kits. For a rocket entered in original design classes, describe in summary how the model was tested for stability, prior to flying. Swing testing of the rocket is required. Other tests and calculations are encouraged. Exhibitors must include documentation of swing test. A minimum of 1 additional page must be added to the rocketry information pack detailing the test(s) performed to insure stability. 4-Her’s are strongly encouraged to provide as much detail as possible.

6. Altitude achieved by the model is to be determined using a method other than estimation. Examples of accepted methods include 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.

7. Launches should not be conducted in winds above 20 ph.

8. Rocket engines should not be used to join multi-stage rockets together. 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. The different stages must be included to complete the rocketry exhibit. Use of any engines to join the stages together will be subject to immediate disqualification.

9. If a safety violation is noted by the judge, superintendent, or other staff, the exhibitor’s rocket, at the judge’s discretion, will receive a participation ribbon. All information necessary will be given to the NAR and TRIPOLI for investigation and possible revocation of membership.

10. 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.

**General Construction Guidelines for all Categories**

1. 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 form www.KansasSpaceTech.com.

2. Exhibits must be uniformly painted, smoothly finished or finished as per rocket instructions, and have decals applied smoothly. 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. Fins and body tubes are to be sealed with sanding sealer and/or primer to eliminate the appearance of body grooves and wood grain. Any seams on plastic parts are to be sanded smooth. Rocket is to be properly assembled. Fins and launch lugs are to be filled to reduce drag and properly secure them to the model. Nose cone is to fit snugly but still allow for easy removal. 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 external body or other external rocket parts.

3. 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.” “Scale models” may be judged based on the paint scheme and the judge may deduct up to one ribbon placing for not following the paint scheme. All other rockets may deviate from the suggested paint scheme, allowing the 4-Her 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 model from one ribbon placing to another.

4. Nonstandard surfacing (such as textured paint) may be used if directed by the instructions. This includes scratch built rockets.

5. Scale model rockets are to be finished and completed with a majority (greater than 70%) of decals.

6. Flight damage is to be documented by the participant on either the construction plans or the 4-H Rocket Exhibit Information Form. 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 circumstances may flight damage be grounds for disqualification.

7. Beginner kits with prefabricated fin assemblies and pre-finished rockets requiring no painting are not acceptable, and will be given a participation ribbon. Plastic snap together fins and prefabricated fin assemblies that do not require alignment are not acceptable, and will be given a participation ribbon. 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, extruded foam, 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.

8. Multi-stage rockets can be flown using just the final stage and be considered fully flown.

9. If a modification is made to the rocket, for example, adding a fin, a swing test must be conducted on the rocket, and the documentation provided. Failure to test and document flight stability following modifications will result in two ribbon placing deductions.
10. Engine mounts are to be securely attached to the body tube.

Rocketry Guidelines

1. Each rocket must be able to stand freely by itself or be supported by a solid base, not to exceed 4 1/4 inches thick and 8 inches square. If a 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. Rod materials should be sturdy, and not made of flimsy materials, such as coat hangers. The exhibitor’s name, county/district and age must be labeled on the top of the base.

2. Exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1 of the current 4-H year. However, in the event that there is a modification in this code the SpaceTech Action Team may review and implement the modified code.

Division A - Exhibitors 9 through 13 years old
Rockets Made from Kit, include plans
Class 1340J by 9-13 year old member
Rockets Made from Original Design, not merely a modification of an existing kit, include plans
Class 1341J by 9-13 year old member

Division B - Exhibitors 11 through 13 years old (9-10 years olds may not enter in this class)
Rockets Made from Original Design, not merely a modification of an existing kit, include plans
Class 1342J by age 11 through 13 years old

Division C - Exhibitors 14 years and older
Rockets Made from Kit, include plans
Class 1343S by age 14 and older
Rockets Made from Original Design, not merely a modification of an existing kit, include plans
Class 1344S by age 14 and older
Rockets Made from Original Design using alternative skins, not merely a modification of an existing kit, include plans
Class 1345S by age 14 and older

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 1346J by 11-12 yr old member
Class 1346S by 13 and older member

Mid Power Rocketry Guidelines
Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H mid-powered rockets.

1. 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) is 2 inches or greater in diameter (not including fins) and taller than 3 feet (36 inches including fins) and do not use an engine(s) exciding 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.

High Power Rocketry Guidelines
Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H high powered rockets.

1. Exhibitors must be 14 years of age by January 1 of current year, the rules for ALL categories apply.

2. A high powered rocket is defined as a rocket that uses an H or I engine for launch and/or meets any of the following criteria: a) weighs more that 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 classifies 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 are limited to only H and I motors; iii. uses a hybrid motor or a motor designed to emit sparks.

3. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket. Adult supervision is defined as being under the direct supervision of someone 18 years of age or older.

4. If a rocket is launched using an engine(s) that has 160.1 (“H” engine or equivalent amount of smaller engines) Newtons-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 Level 1 card is sufficient).

5. 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 Officers (RSO’s) contact information.

6. High Power Rockets may be displayed without a supporting stand. If a supporting stand is used it is not to exceed 8" square and 4 1/4" thick.

7. In addition to the information packet completed for all rockets, a high power information form is to be completed and placed inside information packet.

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

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

*Class 1347S* by 14 and older member

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

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

*Class 1348S* by 14 and older member

**Rocketry Educational Exhibits Guidelines**

**Purpose:** To allow 4-H’ers to explore rocketry and aerospace outside the bounds of traditional modeling

1. Each rocketry educational exhibit must include a “4-H Educational Rocketry Exhibit Information Form,” which should be attached to the outside of a 10"x13” manila envelope.

2. Exhibits may not consist of only a rocket, but must contain substantial supporting educational material in the form of posters, notebooks, or display boards, etc.

3. Displays should be creative and showcase something specific you have learned in the rocketry project during the current 4-H year. For example, rockets that have crashed and/or are highly damaged that can’t be launched again may be made into an educational display or poster that tell a great story with many lessons learned. Follow copyright laws, see page 9, rule 12; citing all sources of information in a standard notation on the Rocketry Information Form. Additional pages can be added inside the packet and should be labeled “Citations”. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.

4. See page 10: poster, display & notebook criteria.

5. “Construction Kits” that are part of an educational display must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1’x2’x2’ and must have a latch which securely keeps all components contained in the kit, other components are to adhere to appropriate dimensions as stated elsewhere.

6. Engines and igniters ARE NOT permitted with the exhibit and constitute an immediate disqualification; this is for safety reasons and includes both spent and live engines.

7. Exhibits should possess the following qualities (in no particular order): **a.** a central theme **b.** what you want others to learn **c.** be designed and constructed in a manner befitting the exhibit **d.** be something you are interested in **e.** be related to model or high power rocketry.

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

**Educational rocketry display, poster or notebook**

*Class 1349J* by 7-12 year old member

*Class 1349S* by 13 and older member

**UNMANNED AERIAL SYSTEMS:** The 4-H unmanned aerial systems 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 unmanned aerial systems including how UASs link to other projects such as geology, robotics, electronics, crop science and many more. Unmanned Aerial systems that include or depict weaponry of any kind will be disqualified. A 4-H SpaceTech Exhibit Information Form which is affixed to a 10” x 13” envelope should accompany but not attached to each UAS. Exhibitor’s name, county/district, age, and years-in-project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster. The youth must be present at judging time to demonstrate how their project works with their written instructions.

**Intermediate Division,** Exhibitors 9 through 13 years old

**Unmanned 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 1350J* by 7-13 year old member

**Practical application of an Unmanned 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, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

*Class 1351J* by 7-13 year old member

**Senior Division,** Exhibitors 14 years and older

**Unmanned 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 1352S* by 14 and older member

**Practical application of an Unmanned 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, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

*Class 1353S* by 14 and older member

**Educational display, poster or notebook**

*Class 1354J* by 7-12 year old member

*Class 1354S* by 13 and older member
Department 26  Wildlife (Sports Fishing)
Enrollment: 1 sr
(1) plaque
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 9: 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.

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 28”).
Educational Display (must be directly related to the wildlife project).

Wildlife poster, notebook, display
Class 1355J by 7-12 yr old member
Class 1355S by 13 and older member

Taxidermy/Tanning exhibit (should include an attachment that shows the work in progress through photos with captions, or a detailed journaling of the process).
Class 1356J by 7-12 yr old member
Class 1356S by 13 and older member

Wildlife show and tell
Class 1357J by 7-12 yr old member
Class 1357S by 13 and older member

Department 27  Woodworking
Enrollment: 1 jr, 2 sr
(1) plaque
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 completed in current 4-H yr.
4. See page 9: poster, display & notebook criteria.
5. 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., glass front of a gun case or cabinet, etc, is permissible since it cannot be easily removed.
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. Plans from which exhibit was constructed must be with the article exhibited. Plans may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that duplicate article could be built using the plan as a guide. Please note: a set of step by step instructions is not a plan.
8. Entry card, plans and all other paperwork should be secured to the project. Tape is usually not adequate to accomplish this. It is recommended to use a zip top plastic bag with a hole punched through it and using string to tie this to exhibit.
9. Refinished / repaired furniture should be exhibited in home environment class.
10. Woodworking judging criteria:
   ✔ workmanship, including accuracy to the plan
   ✔ design
   ✔ choice of wood
   ✔ suitability and quality of finish
   ✔ usefulness
11. Firearms and weapons are not to be entered or displayed.
12. The use of materials other than wood should be kept to a minimum.

Article for Farm or Shop Use
Class 1360J by 7-12 yr old member
Class 1360S by 13 and older member

Furniture for Household or Lawn Use
Class 1361J by 7-12 yr old member
Class 1361S by 13 and older member

Other Woodwork Articles not included in above classes including any article made from a kit. (examples: bird house, bird feeder, household equipment such as: knife rack, bread board, door stop, etc)
Class 1362J by 7-12 yr old member
Class 1362S by 13 and older member

Woodworking poster, notebook, display
Class 1363J by 7-12 yr old member
Class 1363S by 13 and older member

Department 28  FFA Ag Mechanics
(1) plaque
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 1st 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 project. (Pictures are encouraged.)

7. Entries can be constructed by individual or team.

8. Class 1244, repair project, will be farm tractors.

9. Class 1245, repair project, may be: field tillage, planting, harvesting, chemical application, livestock or crops handling equipment.

10. Repair project entries will be conference judged or description of repairs made in sequence given to the judge.

11. Repair projects having adequate original finish need not be repainted for exhibition.

Class 1371 Large Project
Class 1372 Small Project
Class 1373 Micro Class Project
Class 1374 Tractor Repair
Class 1375 Machinery Repair

DIVISION II - 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 2019-20 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 30 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 2000 ink, pencil, crayon, chalk, or misc. art
Class 2001 legos
Class 2002 nature activity
Class 2003 holiday decoration
Class 2004 collection (stamps, shell, coin, etc.)
Class 2005 collection (nature, rock, mineral, soil, bugs)
Class 2006 safety, Emergency Preparedness
Class 2007 kit work
Class 2008 bird feeder or bird house
Class 2009 woodcraft
Class 2010 plaster casting
Class 2011 achievement plaques
Class 2012 ceramics

Class 2013 games or toys
Class 2014 puppet
Class 2015 plastic craft
Class 2016 leather work
Class 2017 weaving, braiding, macrame', basketry
Class 2018 model planes, cars and trucks
Class 2019 model space age, ships
Class 2020 stitchery
Class 2021 masks
Class 2022 outdoor utensils
Class 2023 metal work
Class 2024 bead craft
Class 2025 Indian lore, accessories
Class 2026 paper-mache
Class 2027 candles
Class 2028 wall decorations
Class 2029 individual scrapbook
Class 2030 pinewood derby cars
Class 2031 genius art
Class 2032 blue and gold decorations
Class 2033 Christmas decorations
Class 2034 garden (4 varieties)
Class 2035 cookies-6 samples
Class 2036 bread (1 loaf) (quick or yeast)
Class 2037 candy - 6 samples
Class 2038 canned items (in standardized canning jars)
Class 2039 cakes (whole product, include recipe)
Class 2040 cupcakes - 6 samples
Class 2041 dried food
Class 2042 jams & jellies (include recipe)
Class 2043 miscellaneous (baked)
Class 2044 paper weight
Class 2045 neckerchief slide
Class 2046 neckerchief slide collection
Class 2047 mosaic
Class 2048 carving
Class 2049 craft sticks
Class 2050 first aid kit
Class 2051 collections, matchbook, baseball card
Class 2052 patch collection
Class 2053 kites - flat or other
Class 2054 knot board
Class 2055 rocketry
Class 2056 electrical project
Class 2057 tin can craft
Class 2058 wood furniture
Class 2059 photography
Class 2060 pioneering

Troop Entries judged on display, workmanship, development of theme, and denotes an activity or study with troop participation

Class 2061 troop scrapbook
Class 2062 troop project
Department 31 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 2100 stamp printing
Class 2101 picture made from odds & ends
Class 2102 made from nature (pebbles, animals, corn husk, etc)
Class 2103 Christmas tree ornament
Class 2104 holiday decoration
Class 2105 centerpiece
Class 2106 hand molded articles (clay, paper mache, etc)
Class 2107 ceramic (commercial mold)
Class 2108 wood (carving or burning)
Class 2109 print (block, spatter, screen)
Class 2110 stencil
Class 2111 jewelry
Class 2112 drawing, mounted, original
Class 2113 painting, mounted, original
Class 2114 kit art work
Class 2115 photography, mounted, labeled
Class 2116 collage
Class 2117 handcraft weaving, basketry, or macrame
Class 2118 metal work (tin punch, etc.)
Class 2119 puppet
Class 2120 mop doll
Class 2121 flowers (silk or paper)
Class 2122 leather craft
Class 2123 toy (homemade)
Class 2124 latch hook (pillow, rug or wall hanging)
Class 2125 kitchen decoration (refrigerator magnet, etc.)
Class 2126 rubbering
Class 2127 miniatures (doll houses, furniture, etc.)
Class 2128 creative stitchery - kit work
Class 2129 creative stitchery, original
Class 2130 camp project made at day camp of current yr
Class 2131 creative writing

POSTER
Class 2132 poster, other
Class 2133 theme for the year
Class 2134 educational
Class 2135 just-for-fun

HOMEMAKING (recipes are required)
Class 2136 quick bread (1 loaf)
Class 2137 cookies (4 cookies)
Class 2138 cake/cupcakes, frosted or unfrosted
Class 2139 candy (4 pieces)
Class 2140 canning, must be in standardized jars (fruit, vegetables, jams or jellies)

VEGETABLE GARDEN SAMPLES
Class 2145 plate of 12 cherry tomatoes
Class 2146 plate of 5 tomatoes
Class 2147 plate of 5 onions, any variety
Class 2148 plate of 12 beans, green snap, yellow wax
Class 2149 plate of 5 beets
Class 2150 plate of 5 peppers/mangoes
Class 2151 plate of 12 radishes
Class 2152 plate of 5 turnips
Class 2153 1 egg plant
Class 2154 1 pumpkin
Class 2155 1 cabbage
Class 2156 1 cantaloupe
Class 2157 1 squash
Class 2158 1 watermelon
Class 2159 5 red potatoes, variety named
Class 2160 5 white or russet potatoes, variety named
Class 2161 5 sweet potatoes, variety named
Class 2162 plate of 5 cucumbers
Class 2163 5 ears of sweet corn
Class 2164 plate of 12 strawberries

TEXTILE ARTS
Class 2170 camp accessories (cap, sit-upon, etc.)
Class 2171 sewing, small item (apron, bags, pillows, etc.)
Class 2172 sewing, dress, skirt
Class 2173 sewing, pants, slacks, culottes, shorts
Class 2174 sewing, top, blouse, shirt
Class 2175 sewing, tailored - coat, suit, blazer
Class 2176 needlecraft (embroidery, cross-stitch, plastic canvas)
Class 2177 creative stitchery, original pattern
Class 2178 knitting
Class 2179 crochet

GENERAL
Class 2185 collection, mounted & labeled (stamps, rocks, insects)
Class 2186 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 2187 troop project
Class 2188 troop scrapbook

DIVISION III - OPEN CLASS

Quonset Department Superintendents: Check in your personal entries and those of other superintendents at 7 a.m. This will allow everyone to be ready promptly at 7:30 to check in entries until 9:00. Quilts must be checked-in on Tuesday, July 7 at Mankato Community Center at 8:30. Judging will begin at 9:00. 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 Thursday, 7/9 (6:00-8:00 p.m.) or Friday, 7/10 7:30-9:00 a.m. Check out time for all exhibits in the Quonset starts at 4:30 p.m. on Sunday, July 12.
OPEN CLASS GENERAL RULES
Apply to all Division III departments; specific department rules will be listed under each department heading
1. 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 2019 Jewell County Fair.
2. In accordance with the regulations adopted by the Fair Board of Directors - absolutely no alcoholic or cereal malt beverages may be consumed or carried on the premises. Violating exhibitors will have all entries disqualified, or exhibitors will be escorted from the premises.
3. Violation of any established regulation will result in forfeiture of prize, ribbon, and premium.
4. Exhibitor not wanting an entry judged may designate “for display only”.
5. Open class entries are to be checked in Thursday, 7/9 (6:00-8:00 p.m.) or Friday, 7/10 7:30-9:00 a.m. in the Quonset (exception for quilts). Late entries will be dropped one ribbon placing. Each exhibit must have a 2-sectional entry card.
6. Exhibits evaluated on appearance, appropriateness, design, material, workmanship, neatness of work and finish on both sides.
7. Each department will be assigned a judge to evaluate entries and based upon quality of 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 judge during exhibit judging.
8. A premium will be paid based upon ribbon placing (exhibitor may designate ON ENTRY CARD to donate premium to the fair).
9. A Best of Show rosette may be awarded to the best blue entry in each category as judge chooses.
10. Exhibits will remain on display until Sun. 7/12, then released at 4:30 p.m.
11. The fair board, department superintendents, helpers, county extension agents, staff shall not be responsible for any accident, injury to any person or damage, loss, or injury of property.
12. If property owners or others desire protection for injury or damage from fire or other causes, arrangement and payment of such insurance is their responsibility.
13. Every department has a Something Old - Renewed category for exhibitors to enter an old item that has been repaired or restored in some manner. Exhibitor must have completed some part of the restoration.

Premium Money Guidelines: All exhibitors will be paid on basis of ribbons awarded to exhibits:
best of show $2.50 blue $1.50
red $1.50 white $1.00

Open Class Guidelines:
➔ category: within a department (i.e. cakes, roses, tatting)
➔ class: specific number assigned to an exhibit examples:
Department Category class
GARDEN small vegetable #3206 carrots

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 exhibitor number.
G - General Any age exhibitor residing in Jewell or adjoining counties.

Department 32 Industrial Arts
1. Exhibitor may exhibit five (5) entries per class.
2. 2-sectional exhibit card is required per entry.
   Metal Work
   Class 3001 hobby
   Class 3002 new construction
   Class 3003 original design
   Class 3004 repaired - refinished
   Class 3005 miscellaneous

Something Old / Renewed
any old metal item
(exhibitor must do part of the restoration)
Class 3006 repaired item
Class 3007 restored item
Class 3008 miscellaneous item

Wood Work
Class 3009 hobby
Class 3010 new construction
Class 3011 original design
Class 3012 repaired - refinished
Class 3013 miscellaneous

Something Old / Renewed
any old wood item
(exhibitor must do part of the restoration)
Class 3014 repaired item
Class 3015 restored item
Class 3016 miscellaneous item

**Department 33 Crafts**
1. Exhibitor may exhibit five (5) entries per class.
2. 2-sectional exhibit card is required per entry.

**Ceramic Craft** ceramic, pottery, porcelain
Class 3020 door/wall decoration
Class 3021 gift
Class 3022 hanging item
Class 3023 holiday/special occasion item
Class 3024 miscellaneous item
Class 3025 table covering/decoration

**Fabric Craft** made from fabric
Class 3030 door/wall decoration
Class 3031 gift
Class 3032 hanging item
Class 3033 holiday/special occasion item
Class 3034 miscellaneous item
Class 3035 table covering/decoration

**Fair Theme**
Class 3036 any item

**Miscellaneous Craft** any other materials
Class 3040 door/wall decoration
Class 3041 gift
Class 3042 hanging item
Class 3043 holiday/special occasion item
Class 3044 miscellaneous item
Class 3045 table covering/decoration
Class 3046 barn quilt

**Paper Craft** made from paper
Class 3050 door/wall decoration
Class 3051 gift
Class 3052 hanging item
Class 3053 holiday/special occasion item
Class 3054 miscellaneous item
Class 3055 table covering/decoration

**Wood Craft** items made using wood
Class 3060 door/wall decoration
Class 3061 gift
Class 3062 hanging item
Class 3063 holiday/special occasion item
Class 3064 miscellaneous item
Class 3065 table covering/decoration

**Something Old / Renewed**
any old ceramic, fabric, wood craft
(exhibitor must do part of the restoration)
Class 3066 repaired item
Class 3067 restored item
Class 3068 miscellaneous item

**Department 34 Crochet / Knitting**
1. Exhibitor may exhibit five (5) entries per class.
2. 2-sectional exhibit card is required per entry.

**crocheted** AFGHANS knitted
Class 3070 baby Class 3095
Class 3071 novelty Class 3096
Class 3072 original design Class 3097
Class 3073 ripple Class 3098
Class 3074 solid color Class 3099
Class 3075 squares Class 3100
Class 3076 stripes Class 3101
Class 3077 miscellaneous Class 3102

**ITEMS**
Class 3078 bib Class 3103
Class 3079 booties/slippers Class 3104
Class 3080 doily Class 3105
Class 3081 pillow Class 3106
Class 3082 rug Class 3107
Class 3083 muffler, scarf, hat Class 3108
Class 3084 miscellaneous Class 3109

**SWEATERS/VESTS**
Class 3085 infant Class 3110
Class 3086 toddler Class 3111
Class 3087 teen Class 3112
Class 3088 adult Class 3113
Class 3089 2-3 piece outfit Class 3114
Class 3090 miscellaneous Class 3115

**Something Old / Renewed**
any old crocheted or knitted item
(exhibitor must do part of the restoration)
Class 3091 repaired item Class 3116
Class 3092 restored item Class 3117
Class 3093 miscellaneous item Class 3118

**Department 35 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. Exhibitor may exhibit five (5) entries per class.
5. 2-sectional exhibit card is required per entry.
Exhibition
Class 3168 any other exhibit

Department 36 Garden
1. Refer to 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 vegetable to exhibited: large vegetable-1 medium vegetable-4 small vegetable-5
5. Exhibitor may exhibit five (5) entries per class.
6. 2-sectional exhibit card is required per entry.

Garden display - to consist of required number of different fresh fruits and/or vegetables, only one variety of specific vegetable may be exhibited
Class 3175 small vegetable display
at least 3 different vegetables, must include a large, medium, and small vegetable class

Class 3176 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 3177 small fruit display
3 or more different fruit classes

Class 3178 large fruit display
5 or more different fruit classes

Class 3179 miscellaneous garden display; exhibitor’s choice of any combination of vegetable or fruit classes

Class 3180 fruit/vegetable combination display: at least 3 different fruits and 3 different vegetables

Large vegetables (1 specimen)
Class 3181 broccoli
Class 3182 cabbage
Class 3183 cantaloupe
Class 3184 cauliflower
Class 3185 eggplant
Class 3186 pumpkin
Class 3187 summer squash
Class 3188 watermelon
Class 3189 winter squash
Class 3190 zucchini squash
Class 3191 miscellaneous

Barley
Class 3140 bundle (3" sample)
Class 3141 grain sample (quart)

Corn
(husks on, one side open)
Class 3142 field corn (5 ears)
Class 3143 popcorn (10 ears)
Class 3144 sweet corn (5 ears)

Hay
6" flake standard bale or 10" cut section round bale
Class 3145 alfalfa
Class 3146 bromegrass
Class 3147 native grass

Oats
Class 3148 bundle (3" sample)
Class 3149 grain sample (quart)

Other Crops
Class 3150 special crop, (3" bundle)
Class 3151 special crop, grain sample (quart)

Sorghum
(5 entire stalks cut near ground, no roots, tie twice with twine, once near the heads and once near the base)
Class 3152 hybrid grain (5 heads)
Class 3153 grain sorghum (quart)
Class 3154 hybrid forage (5 stalks)
Class 3155 hybrid, dual purpose forage (5 stalks)
Class 3156 open pollinated (5 stalks)

Soybeans
(10 green plants, roots tied into bundle)
Class 3157 plant sample
Class 3158 grain sample (quart)

Sunflowers
Class 3159 tame (3 heads)
Class 3160 grain sample (quart)
Class 3161 largest tame (sunflower head)
Class 3162 tallest tame (sunflower stalk)
Class 3163 tallest wild (sunflower stalk)

Wheat
Class 3164 hard red bundle (3" sample)
Class 3165 white bundle (3" bundle)
Class 3166 hard red grain sample (quart)
Class 3167 white grain sample (quart)
Medium vegetables (4 specimen)
Class 3193 bell peppers
Class 3194 cucumbers (6+)
Class 3195 red onions
Class 3196 yellow onions
Class 3197 white onions
Class 3198 red potatoes
Class 3199 white potatoes
Class 3200 sweet corn
Class 3201 tomatoes
Class 3202 turnips
Class 3203 miscellaneous

Small vegetables (5 specimen)
Class 3205 beans
Class 3206 beet
Class 3207 carrots
Class 3208 cherry tomatoes
Class 3209 cucumbers (less than 6")
Class 3210 okra
Class 3211 other peppers
Class 3212 miscellaneous
Class 3213 gourd
Class 3214 herbs

Fruits (# specimen by classes)
Class 3215 apples (10)
Class 3216 berries (5)
Class 3217 crab apples (10)
Class 3218 grapes (10)
Class 3219 peaches (5)
Class 3220 pears (5)
Class 3221 plums (10)
Class 3222 rhubarb (3 stalks, tops off)
Class 3223 miscellaneous

Department 37 Floriculture
1. Refer to flower show handbook, extension office.
2. Enter flowers in 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. Exhibitor may exhibit five (5) entries per class.
7. 2-sectional exhibit card is required per entry.

Coneflower
Class 3230 purple, 1-3 stem
Class 3231 yellow, 1-3 stems
Class 3232 any other, 1-3 stems, any color

Coreopsis
Class 3235 pink, 1-3 stems
Class 3236 yellow, 1-3 stems
Class 3237 any other, 1-3 stems, any color

Cosmos
Class 3240 any color, 1 stem
Class 3241 any color, 3 stems

Dahlia
Class 3245 large decorative, 1-3 stems, any color
Class 3246 small decorative, 1-3 stems, any color
Class 3247 pompon, 1-3 stems, any color

Daisy
Class 3250 Shasta, 1-3 stems, any color
Class 3251 Gloriosa, 1-3 stems, any color
Class 3252 any other, 1-3 stems, any color

Gaillardia
Class 3253 any color, 1 stem
Class 3254 any color 1-3 stems

Gladiol
Class 3256 large, 1 stem, any color
Class 3257 small, 1 stem, any color
Class 3258 any other, 1-3 stems, any color

Hollyhock
Class 3264 single, 1 stem, any color
Class 3265 double, 1 stem, any color
Class 3266 any other, 1-3 stems, any color

Lily
Class 3268 tiger, 1 stem, any color
Class 3269 day, 1 stem, any color
Class 3270 hybrid, 1 stem, any color
Class 3271 dwarf day, 1 stem, any color

Marigold
Class 3272 small, 1 stem, any color
Class 3273 large, 1 stem, any color
Class 3274 any other, 3 stems, any color

Pansy
Class 3275 viola, 1 stem, any color (johnny-jump-up)
Class 3276 viola, 1-3 stems, any color (johnny-jump-up)
Class 3277 any other, 1-3 stems, any color

Petunia
Class 3278 hybrid single, 1 stem, any color
Class 3279 hybrid single, 3 stems, any color
Class 3280 double, 1 stem, any color
Phlox
Class 3285 annual, 1 stem, any color
Class 3286 annual, 3 stems, any color
Class 3287 perennial, 1 stem, any color
Class 3288 perennial, 3 stems, any color

Pinks
Class 3290 1 stem, any color
Class 3291 3 stems, any color

Rose
Class 3294 miniature, 1 bloom, any color
Class 3295 hybrid tea, 1 bloom, any color
Class 3296 floribunda, 1 bloom, any color
Class 3297 any other, 1 bloom, any color

Snapdragon
Class 3298 large, 1 any color
Class 3299 large, 3 any color
Class 3300 miniature, 1 stem, any color
Class 3301 miniature, 3 stems, any color

Sunflower
Class 3303 tame, 1 stem, any color
Class 3304 tame, 3 stems, any color
Class 3305 bicolor, 1 stem, any color
Class 3306 bicolor, 3 stems, any color

Zinnia
Class 3307 small, 1 stem, any color
Class 3308 large, 1 stem, any color
Class 3309 small, 3 stems, any color
Class 3310 large, 3 stems, any color

Misc. Flower
Class 3311 small, 1 stem, any color
Class 3312 large, 1 stem, any color
Class 3313 small, 3 stems, any color
Class 3314 large, 3 stems, any color

Cacti
Class 3315 dish garden, 3 or more different cacti
Class 3316 cacti

Succulents
Class 3317 Rubber Plant
Class 3318 Jade

Class 3281 double, 3 stems, any color
Class 3282 common, 1 stem, any color
Class 3283 common, 3 stems, any color
Class 3284 dwarf, 1 stem, any color

Class 3285 annual, 1 stem, any color
Class 3286 annual, 3 stems, any color
Class 3287 perennial, 1 stem, any color
Class 3288 perennial, 3 stems, any color

Class 3290 1 stem, any color
Class 3291 3 stems, any color

Class 3294 miniature, 1 bloom, any color
Class 3295 hybrid tea, 1 bloom, any color
Class 3296 floribunda, 1 bloom, any color
Class 3297 any other, 1 bloom, any color

Class 3298 large, 1 any color
Class 3299 large, 3 any color
Class 3300 miniature, 1 stem, any color
Class 3301 miniature, 3 stems, any color

Class 3303 tame, 1 stem, any color
Class 3304 tame, 3 stems, any color
Class 3305 bicolor, 1 stem, any color
Class 3306 bicolor, 3 stems, any color

Class 3307 small, 1 stem, any color
Class 3308 large, 1 stem, any color
Class 3309 small, 3 stems, any color
Class 3310 large, 3 stems, any color

Class 3311 small, 1 stem, any color
Class 3312 large, 1 stem, any color
Class 3313 small, 3 stems, any color
Class 3314 large, 3 stems, any color

Class 3315 dish garden, 3 or more different cacti
Class 3316 cacti

Class 3317 Rubber Plant
Class 3318 Jade

ClasS 3319 Mother-in-law Tongue
Class 3320 Aloe
Class 3321 any other

Blooming Plant
Class 3322 African Violet
Class 3323 Begonia
Class 3324 Geranium
Class 3325 any other

Non-blooming Plant
Class 3326 foliage
Class 3327 ferns
Class 3328 Swedish Ivy
Class 3329 any other

Hanging Plant
Class 3330 blooming
Class 3331 non-blooming

Bouquet with fresh plant materials
(may be changed each day)
Class 3332 artistic design bouquet

Bouquet all-natural self-dried plant materials
(no purchased materials)
Class 3333 artistic design bouquet

Department 38 Foods
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 commercial mix will not be allowed.
3. Exhibitor may exhibit five (5) entries per class.
4. 2-section exhibit card is required per entry.

Exhibitors—Please bring 3 extra smaller items
(cookies, cupcakes, muffins) to increase number of
food sale items. No 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 ball, pressed with glass or fork
rolled: rolled with 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

Cakes
Class 3335 angel food, upright, unfrosted
Class 3336 bundt
Class 3337 chiffon, upright, unfrosted
Class 3338 chocolate 2-layer cake
Class 3339 cupcakes (4)
Class 3340 fruit, spice
Class 3341 pound
Class 3342 white 2-layer cake
Class 3343 miscellaneous 2-layer cake

**Decorated Cakes**
(may use forms, only decoration judged, need not be covered)
Class 3345 birthday
Class 3346 child’s birthday
Class 3347 cut up
Class 3348 holiday
Class 3349 special event
Class 3350 wedding
Class 3351 miscellaneous

**Score cards:**

<table>
<thead>
<tr>
<th>Decorated Cakes</th>
<th>Artistic value</th>
<th>Appearance</th>
<th>Color combination</th>
<th>Difficulty</th>
<th>Originality</th>
<th>Suitable design</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Angel Food &amp; Chiffon Cakes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
</tr>
<tr>
<td>Lightness</td>
</tr>
<tr>
<td>Crust</td>
</tr>
<tr>
<td>Crumb</td>
</tr>
<tr>
<td>Flavor</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cakes with Shortening (loaf or layer)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
</tr>
<tr>
<td>Lightness</td>
</tr>
<tr>
<td>Crust or frosting</td>
</tr>
<tr>
<td>Crumb</td>
</tr>
<tr>
<td>Flavor</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
</tr>
<tr>
<td>Lightness</td>
</tr>
<tr>
<td>Crust</td>
</tr>
<tr>
<td>Crumb</td>
</tr>
<tr>
<td>Flavor</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

**Candy** (4 pieces per class)
Class 3352 brittle candy
Class 3353 brown sugar
Class 3354 chocolate fudge
Class 3355 divinity
Class 3356 peanut brittle
Class 3357 peanut butter
Class 3358 miscellaneous

**Cookies** (six (6) cookies per class)
Class 3361 bar
Class 3362 bran/ whole wheat
Class 3363 brownies
Class 3364 butterscotch chip
Class 3365 chocolate chip

Class 3366 dropped
Class 3367 filled
Class 3368 fruit (drop, pinwheel, bar)
Class 3369 ginger snaps
Class 3370 ice box
Class 3371 no bake
Class 3372 oatmeal
Class 3373 original recipe (recipe)
Class 3374 party
Class 3375 peanut butter
Class 3376 pressed
Class 3377 snickerdoodles
Class 3378 sugar (plain)
Class 3379 miscellaneous (recipe)

**Pies** (2-crust, 8” or 9”)
(judged on appearance, texture and flavor of crust & filling)
Class 3380 apple
Class 3381 apricot
Class 3382 blueberry
Class 3383 cherry
Class 3384 peach
Class 3385 raisin
Class 3386 any other fruit pie
Class 3387 rhubarb

**Quick Breads** (1 loaf) / **Muffins** (4) / **Biscuits** (4)
Class 3390 apple bread
Class 3391 baking powder biscuits
Class 3392 banana bread
Class 3393 banana muffins
Class 3394 blueberry bread
Class 3395 blueberry muffins
Class 3396 bran or whole wheat
Class 3397 coffee cake (max 8” x 8”)
Class 3398 corn bread
Class 3399 nut
Class 3400 pumpkin
Class 3401 zucchini
Class 3402 miscellaneous quick bread
Class 3403 miscellaneous muffin
Class 3404 miscellaneous biscuit

**Yeast Bread** (4” x 8” or 5” x 9”)
Class 3406 braided cinnamon loaf
Class 3407 coffee cake (must contain yeast)
Class 3408 holiday
Class 3409 home milled flour
Class 3410 raisin
Class 3411 rye
Class 3412 sourdough (include starter recipe)
Class 3413 tea ring
Class 3414  white
Class 3415  whole wheat (white wheat flour)
Class 3416  whole wheat (hard red wheat flour)
Class 3417  miscellaneous yeast bread

**Yeast Rolls** (6 rolls)
Class 3418  bread machine
Class 3419  cinnamon
Class 3420  dinner
Class 3421  home milled flour
Class 3422  refrigerator
Class 3423  special (cheese, dill, onion)
Class 3424  sweet
Class 3425  miscellaneous yeast rolls

**Bread Machine Bread** (1 loaf)
Class 3430  rye
Class 3431  white
Class 3432  whole wheat
Class 3433  miscellaneous

**RED STAR YEAST AWARDS**
Red Star Yeast will provide RED STAR® merchandise award items to the winners in the yeast bread categories and RED STAR® Yeast and coupons to all contestants in any of the food categories.

**COMMISSIONERS’ COOKIE JAR**
1. Fill a clear glass or clear plastic, gallon jar decorated using the county fair theme "Jewell County Fair – 20/20 Vision!" with 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 12 at 6:00 p.m.
6. 2-sectional entry card is required for each exhibit.

**FAIR TREASURER’S COOKIE TIN**
1. Arrange a collection of any three (3) different cookie classes, (total of 18 cookies) in a tin decorated using fair theme "Jewell County Fair – 20/20 Vision!".
2. The sample of the cookie exhibited as individual entry will be used by judge during judging of the cookie tin. Any product included in cookie tin that has not been judged as an individual entry must have sample for 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 12 at 6:00 p.m.
6. 2-sectional entry card is required for each exhibit.

**BREAD SCULPTURES**
1. This is a 2020 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 ½” x 11” paper with name and address in 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.

**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 3446  Bread Sculpture

Class 3440  Commissioners' Cookie Jar

Class 3445  Fair Treasurer’s Cookie Tin
the Extension Office. Open kettle canning method is not acceptable.


4. Canned products must be exhibited in standard half pint, pint, or quart jars. Jars must have screw rings. All space except proper head space 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, 2019.

<table>
<thead>
<tr>
<th>Jams</th>
<th>Canned Fruits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 3515 apricot</td>
<td>Class 3557 pear</td>
</tr>
<tr>
<td>Class 3516 blackberry</td>
<td>Class 3558 plum</td>
</tr>
<tr>
<td>Class 3517 cherry</td>
<td>Class 3559 rhubarb</td>
</tr>
<tr>
<td>Class 3518 choke cherry</td>
<td>Class 3560 strawberry</td>
</tr>
<tr>
<td>Class 3519 elderberry</td>
<td>Class 3561 tomato (red)</td>
</tr>
<tr>
<td>Class 3520 grape</td>
<td>Class 3562 watermelon</td>
</tr>
<tr>
<td>Class 3521 collection of jams, 3 kinds</td>
<td>Class 3563 miscellaneous preserve or butter</td>
</tr>
<tr>
<td>Class 3522 peach</td>
<td>Class 3564 collection of 3 kinds preserve or butter</td>
</tr>
<tr>
<td>Class 3523 pineapple</td>
<td></td>
</tr>
<tr>
<td>Class 3524 raspberry</td>
<td></td>
</tr>
<tr>
<td>Class 3525 strawberry</td>
<td></td>
</tr>
<tr>
<td>Class 3526 zucchini</td>
<td></td>
</tr>
<tr>
<td>Class 3527 miscellaneous jam</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jellies</th>
<th>Canned Meats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 3530 apple</td>
<td>Class 3583 beef</td>
</tr>
<tr>
<td>Class 3531 blackberry</td>
<td>Class 3584 chicken</td>
</tr>
<tr>
<td>Class 3532 choke cherry</td>
<td>Class 3585 pork</td>
</tr>
<tr>
<td>Class 3533 corn cob</td>
<td>Class 3586 miscellaneous meat</td>
</tr>
<tr>
<td>Class 3534 crab apple</td>
<td></td>
</tr>
<tr>
<td>Class 3535 cherry</td>
<td></td>
</tr>
<tr>
<td>Class 3536 currant</td>
<td></td>
</tr>
<tr>
<td>Class 3537 elderberry</td>
<td></td>
</tr>
<tr>
<td>Class 3538 gooseberry</td>
<td></td>
</tr>
<tr>
<td>Class 3539 grape</td>
<td></td>
</tr>
<tr>
<td>Class 3540 peach</td>
<td></td>
</tr>
<tr>
<td>Class 3541 raspberry</td>
<td></td>
</tr>
<tr>
<td>Class 3542 sand hill plum</td>
<td></td>
</tr>
<tr>
<td>Class 3543 wild plum</td>
<td></td>
</tr>
<tr>
<td>Class 3544 - miscellaneous jelly</td>
<td></td>
</tr>
<tr>
<td>Class 3545 - collection of jellies, 3 kinds</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Preserves and Butters</th>
<th>Canned Vegetable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 3550 apple</td>
<td>Class 3587 beans, green</td>
</tr>
<tr>
<td>Class 3551 apricot</td>
<td>Class 3588 beans, yellow</td>
</tr>
<tr>
<td>Class 3552 cherry</td>
<td>Class 3589 beets</td>
</tr>
<tr>
<td>Class 3553 crab apple</td>
<td>Class 3590 carrots</td>
</tr>
<tr>
<td>Class 3554 grape</td>
<td>Class 3591 corn</td>
</tr>
<tr>
<td>Class 3555 marmalade</td>
<td>Class 3592 peas</td>
</tr>
<tr>
<td>Class 3556 peach</td>
<td>Class 3593 potatoes</td>
</tr>
<tr>
<td></td>
<td>Class 3594 sauerkraut</td>
</tr>
<tr>
<td></td>
<td>Class 3595 summer squash</td>
</tr>
<tr>
<td></td>
<td>Class 3596 tomatoes</td>
</tr>
<tr>
<td></td>
<td>Class 3597 vegetable juice</td>
</tr>
<tr>
<td></td>
<td>Class 3598 miscellaneous vegetables</td>
</tr>
<tr>
<td></td>
<td>Class 3599 collection of vegetables (3 kinds)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dried Foods</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 3600 dried fruit (½ to ¾ cup)</td>
<td></td>
</tr>
<tr>
<td>Class 3601 dried vegetable (½ to ¾ cup)</td>
<td></td>
</tr>
</tbody>
</table>
Class 3602   fruit leather, any flavor, three 4" to 6" rolled pieces
Class 3603   hiking collection, ½ to ¾ cup, 3 different dried foods
Class 3604   jerky (three 3" pieces, 1" thick)

Pickles and Relish
Class 3610   beets
Class 3611   bread and butter
Class 3612   cucumber, sweet
Class 3613   cucumber, dill
Class 3614   cucumber, red cinnamon
Class 3615   okra
Class 3616   peppers
Class 3617   relish
Class 3618   watermelon
Class 3619   miscellaneous pickle
Class 3620   miscellaneous relish
Class 3621   collection of pickles (3 kinds)
Class 3622   collection of relishes (3 kinds)

Sauces
Class 3623   chili sauce
Class 3624   pizza sauce
Class 3625   salsa
Class 3626   - spaghetti sauce
Class 3627   - tomato catsup
Class 3628   - miscellaneous sauce
Class 3629   - collection of 3 different sauces

Bake sale: NO BAKE SALE THIS YEAR.
9-11:00 a.m. Friday, July 10
All food preparation exhibits ARE SOLD as soon as judged. No food preservation can be sold.

Department 39   Hand Work
1. All drawings and hangings must be matted or framed and ready for hanging.
2. Exhibitor may enter five (5) entries/class.
3. 2-sectional card is required per entry.

NEEDLE WORK
Applique
Class 3640   article
Class 3641   holiday
Class 3642   jewelry
Class 3643   luncheon cloth
Class 3644   pillow
Class 3645   pillow case
Class 3646   special occasion
Class 3647   sweatshirt
Class 3648   towel

PAGE 47
Tatting
Class 3695 doily
Class 3696 handkerchief edging
Class 3697 holiday
Class 3698 lace
Class 3699 sampler
Class 3700 special occasion
Class 3701 miscellaneous

Other Hand and Machine Work
Class 3705 braiding
Class 3706 candle wick
Class 3707 free motion
Class 3708 hemstitch
Class 3709 hooked, any material
Class 3710 latch hook
Class 3711 monogram
Class 3712 needle punch
Class 3713 open work (hand)
Class 3714 open work (machine)
Class 3715 smocking
Class 3716 tufting
Class 3717 weaving - daisy winder, knit wit, looper loom
Class 3718 miscellaneous

Something Old / Renewed
any type of needle work
(exhibitor must do part of the restoration)
Class 3720 repaired item
Class 3721 restored item
Class 3722 miscellaneous item

ART WORK
Acrylic
Class 3751 abstract
Class 3752 figure
Class 3753 landscape
Class 3754 portrait
Class 3755 still life
Class 3756 miscellaneous

Charcoal
Class 3757 abstract
Class 3758 figure
Class 3759 landscape
Class 3760 portrait
Class 3761 still life
Class 3762 miscellaneous

Crayon
Class 3763 abstract
Class 3764 figure

Class 3765 landscape
Class 3766 portrait
Class 3767 still life
Class 3769 miscellaneous

Ink
Class 3770 abstract
Class 35777 figure
Class 3772 landscape
Class 3773 portrait
Class 3774 still life
Class 3775 miscellaneous

Mixed Media
Class 3776 abstract
Class 3777 figure
Class 3778 landscape
Class 3779 portrait
Class 3780 still life
Class 3781 miscellaneous

Oil
Class 3782 abstract
Class 3783 figure
Class 3784 landscape
Class 3785 portrait
Class 3786 still life
Class 3787 miscellaneous

Pastel
Class 3788 abstract
Class 3789 figure
Class 3790 landscape
Class 3791 portrait
Class 3792 still life
Class 3793 miscellaneous

Pencil /Colored Pencil
Class 3794 abstract
Class 3795 figure
Class 3796 landscape
Class 3797 portrait
Class 3798 still life
Class 3799 miscellaneous

Tempera
Class 3800 abstract
Class 3801 figure
Class 3802 landscape
Class 3803 portrait
Class 3804 still life
Class 3805 miscellaneous
Watercolor
Class 3806 abstract
Class 3807 figure
Class 3808 landscape
Class 3809 portrait
Class 3810 still life
Class 3811 miscellaneous

Something Old / Renewed
(exhibitor must do part of the restoration)
Class 3812 repaired item
Class 3813 restored item
Class 3814 miscellaneous item

Department 40 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 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. Exhibitor may enter five (5) entries per class.
6. 2-sectional card required per entry.
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”x7” to 8”x10”)
Class 3830 any animal
Class 3831 any building
Class 3832 any black/white
Class 3833 any flowers
Class 3834 any landscape

Class 3835 any subject
Class 3836 any people
Class 3837 Jewell County Commissioner’s Best of Show Award

Computer
Class 3838 any enhanced or manipulated photo

Any Other Photo
Class 3839 any other

Snapshots (3”x5” or 4”x6”)
Class 3840 photo story (3-5 snapshots)
Class 3841 photo series (3-5 snapshots)
Class 3842 favorites (one: animal, building, landscape & people, 3”x5” only)

Something Old / Renewed
any type of old photograph
(exhibitor must do part of the restoration, original photo must be included)
Class 3843 repaired item
Class 3844 restored item
Class 3845 miscellaneous item

Department 41 Quilting
Check in: 8:30 a.m.
Judging at: 9:00 Tuesday morning, July 7 at Mankato Community Center. All quilts displayed during county fair in the Quonset.
1. Exhibitor 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, 7/9 (6:00-8:00 p.m.) or Friday, 7/10 (7:30-8:30 a.m.) at the Quonset for display during the county fair.

Hand Quilted
Class 3860 applique quilt
Class 3861 beginner’s quilt (36” x 54” minimum size, all work completed by first time quilt maker within past year)
Class 3862 cross stitched/embroidered quilt
Class 3863 miscellaneous quilt
Class 3864 mixed media quilt (e.g. applique & pieced)
Class 3865 original quilt
Class 3866 quilt made by a child (7-12 yrs)
Class 3867 quilt made by a child (13-18 yrs)
Class 3868 quilt made by group/organization
Class 3869  quilter 80 years old or over
Class 3870  pieced quilt
Class 3871  tied quilt

**Machine Quilted**
Class 3874  applique quilt
Class 3875  beginner’s quilt (36" x 54" minimum size, all work completed by first time quilt maker within past year)
Class 3876  cross stitched/embroidered quilt
Class 3877  miscellaneous quilt
Class 3878  mixed media quilt (e.g. applique & pieced)
Class 3879  original quilt
Class 3880  quilt made by a child (7-12 yrs)
Class 3881  quilt made by a child (13-18 yrs)
Class 3882  quilt made by group/organization
Class 3883  quilter 80 years old or over
Class 3884  pieced quilt
Class 3885  tied quilt

**Hand Quilted by a Second Party**
Class 3888  applique quilt
Class 3889  beginner’s quilt (36" x 54" minimum size, all work completed by first time quilt maker within past year)
Class 3890  cross stitched/embroidered quilt
Class 3891  miscellaneous quilt
Class 3892  mixed media quilt (e.g. applique & pieced)
Class 3893  original quilt
Class 3894  quilt made by a child (7-12 yrs)
Class 3895  quilt made by a child (13-18 yrs)
Class 3896  quilt made by group/organization
Class 3897  quilter 80 years old or over
Class 3898  pieced quilt
Class 3899  tied quilt

**Machine Quilted by a Second Party**
Class 3900  applique quilt
Class 3901  beginner’s quilt (36" x 54" minimum size, all work completed by first time quilt maker within past year)
Class 3902  cross stitched/embroidered quilt
Class 3903  miscellaneous quilt
Class 3904  mixed media quilt (e.g. applique & pieced)
Class 3905  original quilt
Class 3906  quilt made by a child (7-12 yrs)
Class 3907  quilt made by a child (13-18 yrs)
Class 3908  quilt made by group/organization
Class 3909  quilter 80 years old or over
Class 3910  pieced quilt
Class 3911  tied quilt

**Hand Quilted Small Items**
Class 3912  crib quilt
Class 3913  miniature quilt (max.18” x 18”)
Class 3914  quilted article (not a quilt)
Class 3915  quilted item (wearable)
Class 3916  table runner
Class 3917  wall hanging

**Machine Quilted Small Items**
Class 3918  crib quilt
Class 3919  miniature quilt (max.18” x 18”)
Class 3920  quilted article (not a quilt)
Class 3921  quilted item (wearable)
Class 3922  table runner
Class 3923  wall hanging

**Something Old / Renewed**
any type of old quilt or quilted item (exhibitor must do part of the restoration)
Class 3924  repaired quilt
Class 3925  restored quilt
Class 3926  miscellaneous quilted item
Class 3927  for display only - quilt
Class 3928  for display only - quilted item

**Department 42 Recycling**
1. Exhibitor may enter five (5) entries per class.
2. 2-sectional card is required per entry.

**Fabric / Garments**
Class 3954  coat / jacket
Class 3955  quilt
Class 3956  vest
Class 3957  wearable item

**Environmental**
(promotes reducing, recycling, reusing)
Class 3958  collage
Class 3959  display
Class 3960  mobile
Class 3961  notebook
Class 3962  poster

**From the Scrap Pile**
Class 3963  functional item
Class 3964  non-functional item

**Household**
Class 3965  decorative item
Class 3966  useable item

**Outside / Lawn**
Class 3967  decorative item
Class 3968  useable item
Something Old / Renewed any type of old item (exhibitor must do part of the restoration)
Class 3969 repaired item
Class 3970 restored item
Class 3971 miscellaneous item

Department 43 Sewing
1. Exhibitor may enter five (5) entries per class.
2. 2-sectional card is required per entry.

Serger Made Garments
Class 3972 infant garment
Class 3973 infant outfit
Class 3974 toddler garment
Class 3975 toddler outfit
Class 3976 teen garment
Class 3977 teen outfit
Class 3978 adult garment
Class 3979 adult outfit

Machine Made Garments
Class 3980 infant garment
Class 3981 infant outfit
Class 3982 toddler garment
Class 3983 toddler outfit
Class 3984 teen garment
Class 3985 teen outfit
Class 3986 adult garment
Class 3987 adult outfit

Repaired / Mended
Class 3988 article
Class 3989 garment
Class 3990 household item
Class 3991 outside / lawn item
Class 3992 miscellaneous

Non-wearable
Class 3993 decorative
Class 3994 household item
Class 3995 outside / lawn item
Class 3996 miscellaneous

Something Old / Renewed any type of old sewn item (exhibitor must do part of the restoration)
Class 3997 repaired item
Class 3998 restored item
Class 3999 miscellaneous item

DIVISION IV 4-H/FFA ANIMAL

NOTE: HERDSMANSHIP AWARD will be given to one club per day, and one overall club winner for the fair. Daily scores will be given to each pen for cleanliness, ribbons displayed, tack in order, and overall appearance. Traveling plaque sponsored by the fair board will be awarded at Awards Program, Sun., July 12.

PREMIUM SALE REQUIREMENTS
Have a checked off and signed form turned into Fair Office or Extension Office before Noon on Sunday of the fair.

Department 44 BEEF
NOTE: all education exhibits judged 8 a.m., Friday, July 10, all in Quonset except stall decorations
Enrollment: bucket: 6 jr; market: 5 jr, 3 sr; breeding: 5 jr, 2 sr
(4) plaques: overall bucket calf, overall breeding, overall market steer, overall showmanship
Belt Buckle: supreme market steer
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. Animals, except breeding animals, will be weighed and tagged at the beginning of the project.
5. All breeding animals are to be identified by a numbered ear tag when selected for the project.
6. Superintendent discretion applies if necessary.

Females:
a. Beef breeding animals may be owned or borrowed by the exhibitor by June 1 of the current year. If borrowed, exhibitor must work with and care for the animal.
b. Superintendent of this department may grant exceptions to these rules in case of unusual conditions.
c. Breeding registered heifer classes eligible for state fair. All heifers must have original registration papers in the sole name(s) of exhibitor, dated by July 1 of current year; transfer papers not accepted in registered classes.
d. Heifers that are registered in a farm name or whose papers include the name of adults are not eligible to show at state fair, however, heifers may be co-owned and co-registered by two or more members in same family.
e. Registered heifers must be identified with permanent tattoo corresponding to original registration papers and must be presented with heifer at check in time.

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 9-1-18 & 12-31-18)
d. bred heifer
e. cow (dropped before August 31, 2018)
f. cow and calf

Breeders will place animals into weight classes as animals are weighed.

Classes 4014 market heifer
A: lt wt  B: med wt  C: heavy wt

Stockers - Feeder
1. Stocker-feeder animals are grown for meat production.
2. Animals are fed a growing ration.
Class 4020 stocker - feeder 350-600 pounds
Class 4021 stocker - feeder 601-900 pounds

Supreme Market Beef
Selection is based on a combination of live, daily gain, and carcass placing. To be eligible for this award, animals must receive a blue ribbon in live placing, a blue ribbon in daily gain, and rank in the top ten carcasses (grade choice or higher).

Market Steers
Superintendent will place animals into weight classes as animals are weighed.

Class 4015 market steers A: lt wt  B: med wt  C: heavy wt

Beef Carcass Contest

Beef Daily Gain

Beef Showmanship
1. See general showmanship rules on page 8.
2. Electric shear and power blower are permitted to trim or fit. Cattle adhesives, hairspray, shampoo, and hair polish are permitted. Painting or hair additions are not permitted.

Stocker - Feeder
1. Stocker-feeder animals are grown for meat production.
2. Animals are fed a growing ration.
Class 4020 stocker - feeder 350-600 pounds
Class 4021 stocker - feeder 601-900 pounds

Beef Carcass Contest

Beef Daily Gain

Beef Showmanship
1. See general showmanship rules on page 8.
2. Electric shear and power blower are permitted to trim or fit. Cattle adhesives, hairspray, shampoo, and hair polish are permitted. Painting or hair additions are not permitted.

Class 4026 beef showmanship jr
Class 4027 beef showmanship sr

Supreme Market Beef
Selection is based on a combination of live, daily gain, and carcass placing. To be eligible for this award, animals must receive a blue ribbon in live placing, a blue ribbon in daily gain, and rank in the top ten carcasses (grade choice or higher).

33% Live Placing 33% Daily Gain 33% Carcass
33 grand champion 33 purple 3.0 #  first 33
32 reserve gr champ 31 blue 2.9 second 31
31 champion of class 29 blue 2.8 third 29
29 reserve of class 27 blue 2.7 fourth 27
27-3rd in class 25 blue 2.6 fifth 25
25-4th in class 23 blue 2.5 sixth 23
23-5th in class 21 blue 2.4 seventh 21
21-6th in class 19 blue 2.3 eighth 19
19-7th in class 17 blue 2.2 ninth 17
tenth 15

Class 4028 - Supreme Market Beef
Beef Education
All members are urged to exhibit an educational entry that promotes beef industry - a poster (see page 10: 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 8 a.m. in Quonset)
Class 4029 beef poster
Class 4030 beef report
Class 4031 beef display
Class 4032 beef stall decoration

Department 45 Dairy Cattle
NOTE: all education exhibits judged 8 a.m., Friday, July 12, all in Quonset except stall decorations
Enrollment: 0
(2) plaques: overall dairy, overall 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 4035-4040 plus one of these designated letters:
A. heifer calves, born between Aug. 1, 2019-July 15, 2020
B. yearling heifers, born between Aug. 1, 2018-July 31, 2019
C. 2 year old, born between Aug. 1, 2017-July 31, 2018
D. 3 year old, born between Aug. 1, 2016-July 31, 2017
E. aged cows, born before July 31,2016
Dairy Showmanship
1. See general showmanship rules on page 8.
Class 4041 dairy showmanship jr
Class 4042 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 8 a.m. in Quonset)
Class 4043 dairy poster
Class 4044 dairy report
Class 4045 dairy display
Class 4046 dairy stall decoration

Department 46 GOATS
NOTE: all education exhibits judged 8 a.m., Friday, July 10, all in Quonset except stall decorations
Enrollment: dairy: 1 jr, 1 sr; meat: 8 jr, 8 sr
(3) plaques: overall market, overall showmanship, overall breeding
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. Breeding females must be owned by 6/1/20
5. All goats will be shown in separate classes according to breed & age; market goats cannot be shown in breeding classes.
6. Market goats must be wethers or does that have their milk teeth in place.
7. For premium sale, must gain a minimum of 10 pounds by entry at county fair; minimum sale weight is 55#.
8. All market goats must be “slick shorn” with an equal amount of wool above the knee and hock.
9. Superintendent discretion applies if necessary.
Class 4047 breeding doe
Class 4048 breeding billy
Class 4049 nanny with kids

designate letter below with class number
A. does born after January 1, 2020
B. does born between July 1 2019- December 31, 2019
C. does born between July 1, 2018 - June 30, 2019
D. does born before July 1 2018
E. billies born August 1, 2018- January 31, 2019
F. billies born February 1, 2019-August 1, 2019
Class 4050 dairy goat
Class 4051 meat goat
Class 4052 other
A. market goat born after February 1, 2020
B. market goat born before February 1, 2020

Goat Showmanship
1. See general showmanship rules on page 8.
Class 4053 goat showmanship

Goat Daily Gain
Ribbon placing determined for weight gained by animal based on this scale: 4 pts 1# = purple
3 pts .99-.75# =blue 2 pts .74-.5# = red
1 pt .under .5# = white
Class 4056 goat daily gain - market goat

Goat Education
All members are urged to exhibit an educational entry that promotes 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 8 a.m. in Quonset)
Class 4057 goat poster
Department 47 Horses
NOTE: all education exhibits judged 8 a.m., Friday, July 10, all in Quonset except stall decorations
Enrollment: 1 jr, 3 sr
(3) plaques: halter gelding, halter mare, overall showmanship
Belt Buckle: high points champion
1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
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 2019 irrespective of which month it is born—a foal born in 2017 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.
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 4100 A, B, C, D
Class 4101 champion filly/mare, must earn blue in 4100
Gelding
Class 4102 - A, B, C, D
Class 4103 champion gelding, must earn blue in 4102

Performance Classes
1. Instructions for classes are 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 horse department:
   5 points - purple, 4 points - 1st blue, 3 points blue, 2 points - red, one point - white, participation – 0.
4. Each member may enter a class only once. Although single horse may be entered more than once by members of the same family, provided it is properly identified by both 4-Hers.
5. Must be more than one participant in a performance event for class to count toward overall performance pt.
6. High - point winner will receive grand champion performance horse plaque, if available, rosette if not. Second place receives a reserve grand champion rosette.
7. Costume Class may be entered by any youth enrolled in project. Any costume is welcome. The entry can be led or ridden into the arena, and any props that enhance the costume may be used.

Class 4104 leadline (5 - 7 yr. olds) (adult leads youth into arena)
Class 4105 walk/trot
Class 4106 western pleasure - juniors
Class 4107 western pleasure – seniors
Class 4108 two year old snaffle bit western pleasure
Class 4109 western horsemanship- juniors
Class 4110 western horsemanship - seniors
Class 4111 trail
Class 4112 reining
Class 4113 pole bending
Class 4114 barrels
Class 4115 key hole
Class 4116 costume class
Class 4117 mules, halter class

Horse Showmanship
1. See general showmanship rules on page 8.
Class 4119 horse showmanship jr
Class 4120 horse showmanship sr

Horse Education
All members are urged to exhibit an educational entry that promotes the horse industry - a poster (see page 10: 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.
(judged on Friday 8 a.m. in Quonset)
Class 4121 horse poster
Class 4122 horse report
Class 4123 horse display
Class 4124 horse stall decoration
Class 4125 horse speech

Department 48 OTHER ANIMALS
Identify species - superintendents: no enrollees
1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Different animals will be shown in different classes.
4. State breed, kind of animal on two-sectional card.
Class 4140 llama obstacle course (if enough animals)
Class 4141 other animal on halter
Department 49   Poultry

NOTE: all education exhibits judged 8 a.m., Friday, July 10, all in Quonset except stall decorations

Enrollment: 1 jr, 2 sr

(2) plaques: champion poultry, overall showmanship
1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Member enrolled in this project may exhibit three (3) entries per class.
4. Judging of classes 4150-4153 & 4158-4161 will be based on exhibition qualities as described in "The American Standard of Perfection," judging of class 4154-4157 will be done on the basis of production quality only.
5. Poultry will be banded to insure proper identification (bands available at the extension office).
6. Class 4155 birds qualify for premium sale, must weigh 3lbs. Indicate breed and identification number on entry card; distinguish between breeds, list class number, then breed name.
7. Eligible for state fair if awarded blue ribbon or higher.
8. Young bird is less than 1 year old; old bird is over 1 year old.
9. Superintendent discretion applies if necessary.

Class 4150 standard breeds, large fowl, one young bird, either sex
Class 4151 standard breeds, large fowl, one old bird, either sex
Class 4152 standard breeds, Bantams, one young bird, either sex
Class 4153 standard breeds, Bantams, one old bird, either sex
Class 4154 production pullets, (pen of 3) standard-bred, crossbred or strain-cross pullets to be judged on egg production qualities
Class 4155 production hens, (pen of 3) standard-bred, crossbred or strain-cross hens to be judged on egg production qualities
Class 4156 dual purpose pullets, (pen of 3) such as: Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
Class 4157 dual purpose hens, (pen of 3) such as: Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
Class 4158 turkeys, all breeds; one bird, either sex
Class 4159 ducks, call or bantam, all breeds, one bird, either sex
Class 4160 ducks, all breeds, one bird, either sex
Class 4161 geese, all breeds, one bird, either sex
Class 4162 trio, (pen of 3) any breed, any sex

Market Class Poultry
Class 4163 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 4164 Other Fowl

Poultry Showmanship
1. See general showmanship rules on page 8.
Class 4165 poultry showmanship jr
Class 4166 poultry showmanship sr

Poultry Education
All members are urged to exhibit an educational entry that promotes 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 8 a.m. in Quonset)
Class 4167 poultry poster
Class 4168 poultry report
Class 4169 poultry display
Class 4170 poultry cage decoration

Department 50   Rabbits

NOTE: all education exhibits judged 8 a.m., Friday, July 10, all in Quonset except stall decorations

Enrollment: 4 jr, 4 sr

(2) plaques: champion rabbit, overall showmanship
1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. 4-H/FFA members must be enrolled in project.
4. Left ear of rabbit MUST be legibly permanently tattooed and have Rabbit ID paper turned into extension office by June 1.
5. Breeding classes are shown by breeds, designate class subdivision with class number and proper letter on the entry card.
6. 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 4180 meat class, (three rabbits), maximum weight 5 lbs. each, eligible for premium sale if average 3½ lbs

Breeding Rabbits
Class 4181 Angora
Class 4182 Standard Rex
Class 4183 French Lop
Class 4184 Satin
Class 4185 Chinchilla
Class 4186 Dutch
Class 4187 California
Class 4188 New Zealand White
Class 4189 Other (list breed)
Class 4190 Commercial (crossbred)
Class 4191 Fur
Class 4192 Holland Lop
Class 4193 Mini Rex
Rabbit Showmanship
1. See general showmanship rules on page 8.
Class 4195 rabbit showmanship jr
Class 4196 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 8 a.m. in Quonset)
Class 4197 rabbit poster
Class 4198 rabbit report
Class 4199 rabbit display
Class 4200 rabbit cage decoration

Department 51 SHEEP
NOTE: all education exhibits judged 8 a.m., Friday, July 12, all in Quonset except stall decorations
Enrollment: market: 3 jr breeding: 1 sr
(2) plaques: overall market, overall showmanship
1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Exhibitor must own breeding animal by May 1 of current year.
4. Market lambs will be divided into classes when entered. X Light Weight animals (under 100 #) will be in the prospect class.
5. Members with catch-a-lambs will compete in catch-a-lamb, market lamb class, daily gain, and showmanship. Superintendent discretion applies if necessary.
6. 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 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 pen of three are separate animals from animals exhibited in individual competition.

Market Lambs (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  F. XX heavy wt
Class 4210 market lamb (supt. adds qualifying letter)
Class 4211 catch-a-lamb
Class 4212 prospect
Class 4213 pen of three

Breeding Ewes
All breeding ewes will be shown in separate classes according to breed and age. Indicate on entry card if animal is a purebred (list breed) or Crossbred. All commercial ewes (non-registered) must have an official Kansas 4-H/FFA ear tag by June 1.
Classes 4214-4219 (followed by designated letter below)
A. ewe lamb (must be born on or after September 1, 2019)
B. yearling ewe (must be born on or between 9/1/18 & 8/31/19
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 4220-4221 (followed by designated letter below)
A. Rams born August 1, 2018-January 31, 2019
B. Ram lambs born February 1, 2019 - August 1, 2019
Sheep Showmanship
1. See general showmanship rules on page 8.
Class 4223 sheep showmanship jr
Class 4224 sheep showmanship sr

Sheep Daily Gain
Ribbon placing determined for weight gained by animal based on this scale: 4 points 1+ # = purple, 3 points .99-.75 = blue, 2 points .74-.5 = red, 1 point under .5 = white.
Class 4225 sheep daily gain

Sheep Education
All members are urged to exhibit an educational entry that promotes sheep industry - a poster (see page 10: 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 8 a.m. in Quonset)
Class 4226 sheep poster
Class 4227 sheep report
Class 4228 sheep display
Class 4229 sheep stall decoration

Department 52 SWINE
NOTE: all education exhibits judged 8 a.m., Friday, July 10, all in Quonset except stall decorations
Enrollment: market: 13 jr, 8 sr breeding: 2 jr
(3) plaques: overall breeding, overall market, overall showmanship
Belt Buckle: supreme market hog
1. Read general regulations & guidelines on pgs 6-9.
2. Approved showmanship apparel, see pg. 8.
3. Exhibitors must own breeding animal by June 1 of the current yr. or borrowed if working and caring for animal.
4. Maximum beginning weight (on weigh date) for mkt pigs is 120 lbs. (recommended weights are 70-100 lbs).
5. Market hogs will be divided into four weight classes. X Light Weight animals (under 220 #) will be in the prospect class.
6. Breeding classes divided according to breed.
7. Weigh-in time for market hogs is 8-10 a.m., July 12. Exhibitors should be present for weigh-in, or if unable, a family member.
8. Members with catch-a-pig will compete in both catch-a-pig and market pig class.
9. 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 4231** market pig (followed by designated letter)

**Class 4232** catch-a-pig

**Class 4233** prospect

**Breeding:** classes divided into breeds/gilt’s month of birth
**Class 4234-4237** recommended weight 180+ lbs.

**Sow and Litter**
- **Class 4238** aged sow
- **Class 4239** sow and litter (less than 8 weeks of age).
- **Class 4240** pen of four from one litter (weaned)

**Supreme Market Hog Guidelines**
1. Selection based on combination of live placing, daily gain, and carcass placing.
2. To be eligible for this award, animals must receive blue ribbons in both live placing and daily gain, and rank in the top ten carcasses.
3. Meet carcass requirements as explained in extension mailing.
4. In case of a tie, the highest daily gain will be used to break the tie.

**Point system**
- **20% Live Placing**
  - 40% daily gain
  - 40% carcass
- 20 grand champion: 40 2.0 # -- 40 first
- 19 reserve champion: 39 1.9 # -- 38 second
- 18 champion of class: 38 1.89 # -- 36 third
- 17 reserve of class: 37 1.87 # -- 34 fourth
- 16 blue placing: 36 1.85 # -- 32 fifth
  - 35 1.83 # -- 30 sixth
  - 34 1.81 # -- 28 seventh
  - 33 1.79 # -- 26 eighth
  - 32 1.77 # -- 24 ninth
  - 31 1.75 # -- 22 tenth

**Class 4241 Supreme Market Hog**

**Swine Carcass Contest**
Ribbons placed based on carcass information collected at meat processing plant; contest criteria - animal must: weigh 220 # & up, have 4 3/4 “ or larger loin eye, & 1 ½ “ or less back fat.

**Class 4242 swine carcass contest**

**Swine Daily Gain**
(Ribbons determined for weight gained by animal based on this scale: 4 pts. 2+# = purple, 3 pts. 1.99-1.75 # = blue, 2 pts. 1.74-1.5 # = red, 1 pt. under 1.5 # = white.

**Class 4243 swine daily gain**

**Swine Showmanship**
1. See general showmanship rules on page 8.
2. **Class 4244 swine showmanship jr**
3. **Class 4245 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 8 a.m. in Quonset)*

- **Class 4246 swine poster**
- **Class 4247 swine report**
- **Class 4248 swine display**
- **Class 4249 swine stall decoration**

**Department 53 Round Robin**

**Belt Buckle:** round robin champion
1. Two (2) showmanship competitors (only Grand & Reserve Champion) for each species will compete in final showmanship competition.
2. The selected members will then compete in the Round Robin Contest on Saturday, July 13 in the covered arena.
3. Youth must show the animal as designated by judge.
4. 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).
5. Judges will select a grand and reserve grand champion round robin showmanship champion.
6. **No Bucket Calves allowed.**
    **Class 4250 round robin**

**Department 54 Livestock Judging**

**Contest:** Sun., July 12 – 12:30 p.m., covered arena

- Ribbon point guideline: 90% of points possible - purple, 80% - blue, 70% - red, 60% and under - white
- **Class 4257 jr. livestock judging contest**
- **Class 4258 sr. livestock judging contest**

**DIVISION V**

**Open Class ANIMALS**

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 55** 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 9-1-18 & 12-31-18)
D. bred heifer
E. cow (dropped before August 31, 2018)
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 56** open class **DAIRY**
Classes 5150-5165 (plus one of the designated letters below)
A. heifer calves, born Aug 1, 2019-July 31, 2020
B. yearling heifers, born between 8-1-18 - 7-31-19
C. 2 year old, born between 8-1-17 - 7-31-18
D. 3 year old, born between 8-1-16 - 7-31-17
E. aged cows, born before July 31, 2016

**Department 57** open class **GOATS**
Classes 5170-5178 (plus one of the designated letters below)
A. does born after January 1, 2020
B. does born between July 1, 2019 - Dec 31, 2019
C. does born between July 1, 2018 - June 30, 2018
D. does born before July 1, 2018
E. goat wethers born after February 1, 2019
F. goat wethers born before February 1, 2019

**Department 58** 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

**Department 60** open class **OTHER ANIMALS**
Class 5243 llama obstacle course (if enough animals)
Class 5244 other animal on halter

**Department 61** open class **PETS**
Call extension office for time
Class 5260 pets show & tell

**Department 62** 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

PAGE 58
MARKET CLASS
Class 5291  - meat-type chickens, pen of 3, same sex for meat production qualities, minimum weight 3½ #, no max weight

Department 63 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 64 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, 2019)
B. yearling ewe (must be born on or between 9/1/18 and 8/31/19)

BREEDING RAMS
A. Rams born August 1, 2018-January 31, 2019
B. Ram lambs born February 1, 2019 - Aug 1, 2019
Classes 5361-5364 (followed by designated letter above)

Department 65 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 66 SHOWMANSHIP CONTEST

BEEF
Class 5411 - general division
Class 5412 - expert division (professional)

DAIRY
Class 5414 - general division
Class 5415 - expert division (professional)

GOATS
Class 5417 - general division
Class 5418 - expert division (professional)

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)

SWINE
Class 5438 - general division
Class 5439 - expert division (professional)
| Open Class Exhibitor Numbers (If you do not have a number, call the extension office.) |
|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 44 Abel-Diehl, Susan 316 Brummer, Tristen       | 222 Fedde, Arrilla                               | 436 Hinken, Rae Ellen                            |
| 906 Adams, Kendra 180 Burge, Dale               | 802 Feldmann, Emily                              | 457 Hobelman, Betty                              |
| 842 Adams, Syndee 122 Burks, Braden             | 876 Finnell, Tammy                               | 322 Hood, Ed                                     |
| 192 Alexander, Alana 828 Buser, Kathy           | 437 Flavin, John                                 | 850 Howard, Barb                                 |
| 178 Alexander, Doris 342 Buser, Nancy           | 911 Flavin, Linda                                | 451 Howard, Gertude                              |
| 480 Alvarez, Alexander 198 Buser, Tanya          | 865 Fleming, Kyle                                | 497 Huntsinger, John                             |
| 957 Alvarez, Dena 68 Cady, Jayce                | 52 Fleming, Ruth                                 | 460 Huntsinger, Lynette                          |
| 203 Alvarez, Ramon 97 Cady, Jillyan             | 344 Franco, Sandra                               | 20 Hurd, Wanda                                   |
| 211 Anderson, Amanda 175 Callaway, Kyle         | 913 Freeman, Colleen                             | 345 Irwin, Austin                                |
| 267 Anderson, Curtiss 294 Caylor, Brenda        | 184 Freeman, Devon                               | 963 Jackson, Harley                             |
| 900 Anderson, Jerry 202 Clark, Eugene           | 182 Freeman, Jessica                             | 150 Jeffery, Colleen                              |
| 277 Anderson, Juretta 85 Cole, Stacy           | 242 Freeman, Kathy                               | 917 Jeffery, Regina                              |
| 888 Anderson, Lance 421 Colson, Ann             | 212 Freeman, Rex                                 | 226 Jennings, Alice                              |
| 340 Athena Jr. Woman's Club 484 Colson, Chance  | 469 Frost, Blaine                                | 139 Jensen, Dakato                               |
| 127 Atwood Farms 100 Couch, Morgan              | 329 Frost, Danica                                | 490 Jensen, Jackie                               |
| 923 Atwood, Duane 77 Cox, Billie                | 55 Frost, Devyn                                  | 489 Jensen, JoAnna                              |
| 225 Atwood, Roy 172 Cox, Emily                  | 213 Frost, Leta                                  | 223 Jensen, Joy                                  |
| 23 Baetz, Godric 173 Cox, Travis                | 306 Frost, Vanessa                               | 461 Jensen, Kristina                             |
| 22 Baetz, KaAnn 216 Crangle, Linda              | 264 Frost, Whitley                               | 228 Jensen, Marlys                               |
| 128 Baker, Casey 191 Dahl, Faith                | 110 Funke, Addy                                  | 117 Jensen, Shirley                              |
| 272 Baker, Chelsea 217 Davis, Jean              | 832 Gardner, Audrea                              | 990 Johnston, Donna                             |
| 206 Barrett, Jacob 304 Davis, Sandy             | 132 Gardner, Dianne                             | 410 Johnston, Devlin                            |
| 205 Barrett, Shelby 84 Dean, Amber              | 833 Gardner, Nicolas                            | 411 Johnston, Kayden                            |
| 262 Barry, Wilma 309 Dean, Becky                | 831 Gardner, Sonya                               | 119 Jones, Mark                                  |
| 210 Bartholomew, Seth 425 Dean, Cody            | 118 Garman, Alma                                 | 220 Jones, Paula                                 |
| 822 Bartley, Alan 857 Dean, Robbie              | 270 Garman, Velma                                | 296 Jones, Quinten                              |
| 821 Bartley, Donna 422 Dean, Zakary             | 851 Garst, Eric                                  | 286 Kelley, Jean                                 |
| 280 Basart, Jalen 59 Decker, Kelsey              | 335 Goodheart, Lisa                              | 302 Kemmerer, Jan                                |
| 247 Basart, Rylan 907 Decker, Michelle           | 151 Gordanier, Friedel                           | 303 Kemmerer, Joel                               |
| 86 Bauer, Shakiya 908 Decker, Sandra            | 244 Gouldie, Velma                               | 209 Kemmerer, Justin                             |
| 988 Beam, Thelma 162 Dempsey, Jo                 | 81 Gray, Mailey                                  | 130 Kennedy, Austin                              |
| 321 Becker, Emilie 909 Dempsey, Wayne           | 894 Greene, Corbin                              | 26 Kibbe, Mary Ann                               |
| 320 Becker, Taylor 196 Dewey, Linda             | 841 Greene, Janelle                              | 123 Knight, LeNae                                |
| 104 Beckmann, Kathy 961 Diamond, Audry           | 17 Greene, Steve                                 | 112 Knight, Lundyn                               |
| 13 Bedford, Susie 105 Dilley, Cecelia            | 201 Griffith, Kaleb                             | 498 Koester, Don                                 |
| 154 Behrends, Becky 219 Dillon, Erma            | 195 Griffith, Wadyn                             | 867 Koster, Sherry                               |
| 96 Behrends, Denise 158 Dooley, Brenda           | 284 Grout, Evan                                  | 463 Kuiken, Barbara                              |
| 861 Berry, James 455 Douglas, Toni               | 215 Grout, Nolan                                 | 37 Kussman, Brent                                |
| 181 Blair, Becky 825 Dove, Clarence             | 466 Gunn, Steve                                 | 36 Kussman, Brice                                |
| 430 Blair, Jeanne 292 Dunstan, Earl             | 265 Hajny, Pam                                   | 30 Kussman, Haley                                |
| 67 Bledsoe, Haylee 170 Dunstan, Marilyn          | 949 Hancock, Gale                               | 29 Kussman, Shannon                              |
| 224 Boden, Karen 16 Durant, Austin               | 47 Hanson, Susan                                 | 478 Lange, Faryl                                 |
| 311 Boden, Leon 804 Eakins, Cordell             | 859 Harris, Deb                                  | 881 Lange, Ray                                   |
| 189 Bohnert, Damon 893 Elbert, Caleb            | 143 Harris, Wendy                               | 233 Langer, Bonnie                               |
| 171 Bohnert, Darica 144 Elert, Kari             | 915 Haskett, Ruth                               | 145 Langer, Jenna                                |
| 94 Bohnert, Peg 185 Elert, Kylee                 | 973 Haskett, Jacob                               | 107 Langer, Jody                                  |
| 271 Bolte, Becky 299 Einsparf, Cadence           | 959 Haskett, Larry                               | 809 Langer, Lacey                                 |
| 153 Bolte, Mike 221 Elkins, Kaye                | 159 Hattfield, Deb                               | 164 Lemke, Jauclyn                               |
| 880 Bonjour, Lori 129 Elledge, Kendra           | 427 Height, Kyle                                 | 234 Liggett, Phyllis                             |
| 229 Bonjour, Neil 121 Elledge, Rhonda            | 214 Henderson, Seth                              | 230 Liggett, Reba                                |
| 71 Bonjour, Sierra 291 Engler, Olivia            | 79 Herrmann, Martha                              | 444 Logan, Marie                                 |
| 471 Boyles, Lisa 166 Enyeart, Brenda             | 108 Higbee, Jeannea                              | 445 Long, Ashlya                                 |
| 482 Brainard, David 126 Erickson, Reta           | 419 Higbee, Mike                                 | 866 Long, Matthew                                |
| 481 Brainard, Irene 441 Eshom, Aaron             | 106 Higbee, Nancy                                | 874 Long, Sharlyn                                |
| 431 Broeckelman, Joan 442 Eshom, Corey           | 332 Higer, Janet                                 | 235 Loomis, Alethia                              |
331  Whelchel, Aubree
300  White, Deanna
418  Whitten, Ruth
979  Williams, Melinda
15  Williams, Rosemary
424  Willitts, Anastasia
168  Willitts, Dianna
423  Willitts, Drake land
101  Willitts, Jessie
414  Willitts, Levi
269  Willitts, Melchezdek
197  Willitts, Sedrick
318  Willitts, Shantel
9  Willitts, Valencia
12  Willitts, Victoria
120  Willitts, Walt
882  Wilson, Loretta
142  Wilson, Luann
820  Wilson, Shonda
947  Wilson, Walt
188  Winkel, Loretta
885  Winkel, Sara
886  Winkel, Shayna
194  Winkel, Sherry
72  Winkel, Trevor
183  Woerner, Cheryl
193  Woerner, Doris
307  Woerner, Linda
187  Woerner, Marie
176  Woerner, Wendy
156  Worm, Deb
82  Worm, Doris
347  Worm, Jillian
415  Worm, Lenden
479  Wyatt, Albert
266  Wyatt, Francis
124  Yelken, Lori
965  Zentz, Pat

**SCOUTS**

| 367 | Babson, Claire |
| 361 | Badger, Brystol |
| 366 | Badger, Jace |
| 354 | Badger, Layn |
| 349 | Barry, Garrett |
| 369 | Bowers, Jaxon |
| 362 | Brown, Aidan |
| 350 | Bruns, Jace |
| 377 | Coil, Myles |
| 382 | Coil, Savannah |
| 383 | Colson, Evelyn |
| 371 | Cross, Makinna |
| 374 | Davis, Aerylyn |
| 373 | Davis, Alex |
| 388 | Dunn, Aubree |
| 365 | Dunstan, Emmit |
| 376 | Dunstan, Griffin |
| 358 | Faulkner, Mason |
| 375 | Fogo, Chace |
| 361 | Fullerten, Bryler |
| 359 | Fultz, Blake |
| 357 | Fultz, Cole |
| 390 | Garst, Karley |
| 348 | Groat, Evan |
| 355 | Groat, Nolan |
| 364 | Harris, Nolan |
| 386 | Hollerich, Keegan |
| 389 | Jacobs, Kaylee |
| 403 | Jeffery, Brynlee |
| 368 | Johnson, Rylan |
| 356 | Lindberg, Bennett |
| 372 | Ludeke, Blade |
| 401 | McCary, Brenley |
| 391 | McCary, Ryleigh |
| 370 | McMains, Mason |
| 378 | Mizner, Owen |
| 387 | Ost, Meili |
| 385 | Pumphrey, Abigail |
| 404 | Pumphrey, Avery |
| 351 | Rothchild, Casey |
| 402 | Scarrow, Gracelynn |
| 380 | Shulda, Brecken |
| 400 | Shulda, Keiran |
| 360 | Simmelink, Luke |
| 384 | Thronson, Katie |
| 363 | Todd, Gage |
| 353 | Vance, Ty |
| 393 | Walker, Clair |
| 392 | Walker, Lily |
| 379 | Whelchel, Eli |
| 352 | Wirth, Colin |

**4-H Exhibitor Numbers**

**MANKATO EAGER BEAVERS**

| 3006 | Ayers, Grace |
| 3009 | Ayers, Greta |
| 3010 | Cockroft, Haylee |
| 3011 | Cockroft, Jacob |
| 3012 | Cockroft, Mary |
| 3013 | Cockroft, William |
| 3023 | Colson, Waysen |
| 3003 | Frost, Blaine |
| 3001 | Frost, Devyn |
| 3002 | Frost, Whitley |
| 3033 | Gray, Mailey |
| 3026 | Harris, Harlee |
| 3000 | Mankato Eager Beavers |
| 3017 | Meyers, Eve |
| 3018 | Meyers, Grant |
| 3025 | Meyers, Nathaniel |
| 3005 | Pumphrey, Abigail |
| 3021 | Reinert, Faith |
| 3024 | Reinert, Katie |
| 3008 | Schiefer, Abbey |
| 3019 | Underwood, Aaron |
| 3030 | Underwood, Allison |
| 3020 | Jacob Underwood |
| 3004 | Nelson Underwood |
| 3022 | Samuel Underwood |

**ROCK HILLS FFA BEAVERS**

| 609 | Anderes, Raylynn |
| 611 | Ayers, Grace |
| 625 | Barry, Garrett |
| 613 | Barry, Jacob |
| 602 | Beach, Jada |
| 603 | Carr, Dayton |
| 633 | Cosand, Conner |
| 604 | Dunstan, Karrigan |
| 626 | Duskie, Troy |
| 637 | Eilert, Jensen |
| 605 | Frost, Danica |
| 608 | Gillett, Jerrod |
| 607 | Groote, Austyn |
| 616 | Groote, Daleton |
| 641 | Higer, Mason |
| 614 | Kreidler, Rhyun |
| 621 | Lueck, Buck |
| 629 | Luong, Selena |
| 624 | McDill, Daniel |
| 615 | Meyers, Evie |
| 636 | Meyers, Grant |
| 617 | Mohler, Cheyenne |
| 638 | Reinert, Katie |
| 601 | Rock Hills FFA |
| 612 | Scarrow, Caitlynn |
| 642 | Scarrow, Case |
| 620 | Shipman, Tanner |
| 618 | Simmelink, Hannah |
| 610 | Slate, Caden |
| 644 | Stephens, Sierra |
| 606 | Tadefa, Sara |
| 635 | Underwood, Jacob |
| 622 | Underwood, Samuel |
| 619 | Volker, Bella |
| 643 | Wagner, Kayle |
| 701 | Whelchel, Aubree |
| 702 | Whelchel, Lauren |
| 627 | Whelchel, Rylee |
| 630 | Yelken, Jaclynn |
| 704 | Zadina, Paige |

**WEBBER WIDE AWAKE**

| 5003 | Bledsoe, Haylee |
| 5009 | Cady, Jayce |
| 5010 | Cady, Jillyan |
| 5004 | Fuller, Haylee |
| 5013 | Langer, Lacey |
| 5002 | McCary, Ryleigh |
| 5006 | Saathoff, Cadence |
| 5005 | Saathoff, Caleb |
| 5000 | Webber Wide Awake |
| 5008 | Worm, Lenden |
2020 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 1/1/20)
Livestock Showmanship: junior (7-12), senior (13 & older)
Fashion Revue: junior (7-13), senior (14 & older)
Other entries (Quonset exhibits and judging contests): junior (7-12), senior (13 & older)

Scouts: classification by 2019-20 grade in school

Awarding of Plaques
ALL PLAQUES will be AWARDED during the
AWARDS PROGRAM, Sun., July 12 following the
Fashion Revue

THANK YOU, DONORS, for your great support!!

Jewell County Coloring Contest
☐ Contest entries DUE by Wednesday, July 1 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/awards must be picked up on July 12,
Sunday between 6-8 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, 7/12
   ◆ Cookie Jar presented to Co Commissioners:
       Steve Greene, Mark Fleming, Keith Roe
   ◆ Cookie Tin presented to County Fair Treasurer:
       Lesa Peroutek

Jewell County Fair - Theme and T-Shirts
Jewell County Fair
20/20 Vision!

Information and materials (cards, labels, photo mat) available at:
Post Rock Extension District - Mankato Office
307 N Commercial in Mankato
785-378-3174
jw@listserv.ksu.edu

County Youth Organizations
Jewell County 4-H Council: Sam Underwood, president

Rock Hills FFA: Jaclyn Yelken, president
Advisor: Arika Kuhlmann

Mankato Eager Beavers (MEB): Katie Reinert, president
Leaders: Tonia Underwood, LaRae Colson, Kristin Underwood

Webber Wide Awake (WWA): Lacey Langer, president
Leaders: Lisa Boyles, Sara Fuller

4-H Council Food Stand Work Shifts
per shift minimum: 4 adults & 4 youth

<table>
<thead>
<tr>
<th>Thursday - July 9</th>
<th>Friday - July 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 - 3:00 “A”</td>
<td>7:00 - 11:00 FFA</td>
</tr>
<tr>
<td>5:00 - 9:00 “B”</td>
<td>10:45 - 3:00 “B”</td>
</tr>
<tr>
<td>3:00 - 6:00 “C”</td>
<td>3:00 - 6:00 “C”</td>
</tr>
<tr>
<td>6:00 - 9:00 “D”</td>
<td>6:00 - 9:00 “D”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Saturday - July 11</th>
<th>Sunday-July 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 - 10:30 “A”</td>
<td>7:00 - 11:00 “A”</td>
</tr>
<tr>
<td>10:30 - 2:30 “B”</td>
<td>11:00 - 3:00 “B”</td>
</tr>
<tr>
<td>4:00 - 7:00 “C”</td>
<td>3:00 - 6:00 “C”</td>
</tr>
<tr>
<td>&amp; 8:00 - 9:00</td>
<td>7:00 - 9:00 “D”</td>
</tr>
</tbody>
</table>

Food stand manager is Barb Railsback.
Wednesday, July 1  **DUE to the ext. office**
- All 4-H fashion revue scripts, cost sheets & entry cards
- Poultry & Pets registered

Monday, July 6  **at fairgrounds**
8:00 a.m. Fairgrounds clean-up / set-up

Tuesday, July 7  **at Mankato Community Center**
8:30 a.m. Open class quilt check-in
9:00  Open class quilts judging
10:00  4-H photography judging
1:30  4-H fiber arts judging
   (needle arts, quilting, rug making)
   4-H clothing judging
   (all constructed & purchased garments)
   4-H Fashion Revue
   4-H foods judging
5:00  Superintendents meeting  **at fairgrounds**
   (4-H, open class, scouts)

Thursday, July 9
10:00  Horse Show  - horse arena
   Horse Show Speed Events - horse arena
6-8:00 p.m. Exhibits check-in - Quonset
7-9:00 p.m. Animal check-in / Veterinary animal health inspections

Friday, July 10  **at fairgrounds**
7:00 a.m.  All superintendents report
   Superintendents check in entries
7:30-9:00 Exhibits check-in - Quonset
8:00  4-H exhibit judging
9:00  Open class & Scouts exhibit judging
   NO Bake Sale this year
11:30  Pets Show & Tell - in Quonset
12:30 p.m. Poultry/Rabbit Show – poultry barn
5:00  Beef Show - covered arena
5-7:30 Chuck Wagon Supper, purchase tickets ahead

Saturday, July 11  **at fairgrounds**
8:00 a.m.  Swine Show - covered arena
Sheep/Goat Show - covered arena
   (30 minutes after completion of swine)
2:00 p.m. Round Robin Showmanship Contest
7:00  **Fair Parade**  – start at Sale Barn

Sunday, July 12  **at fairgrounds**
12:30 p.m. Livestock Judging Contest –
   Jewell County 4-H & FFA only
2:00  Animal exhibits released
4:30-5:30 Quonset exhibits released
6:00  4-H Fashion Revue – Sale Barn
   Awards Program – Sale Barn
7:30  Livestock Premium Sale - Sale Barn
   Order: sheep, swine, beef, goats, poultry, rabbits

Monday, July 13  **at fairgrounds**
6-8:00 p.m. Food stand, buildings, grounds

ALL CHARGE ACCOUNTS must be PAID by MONDAY, JULY 13th.