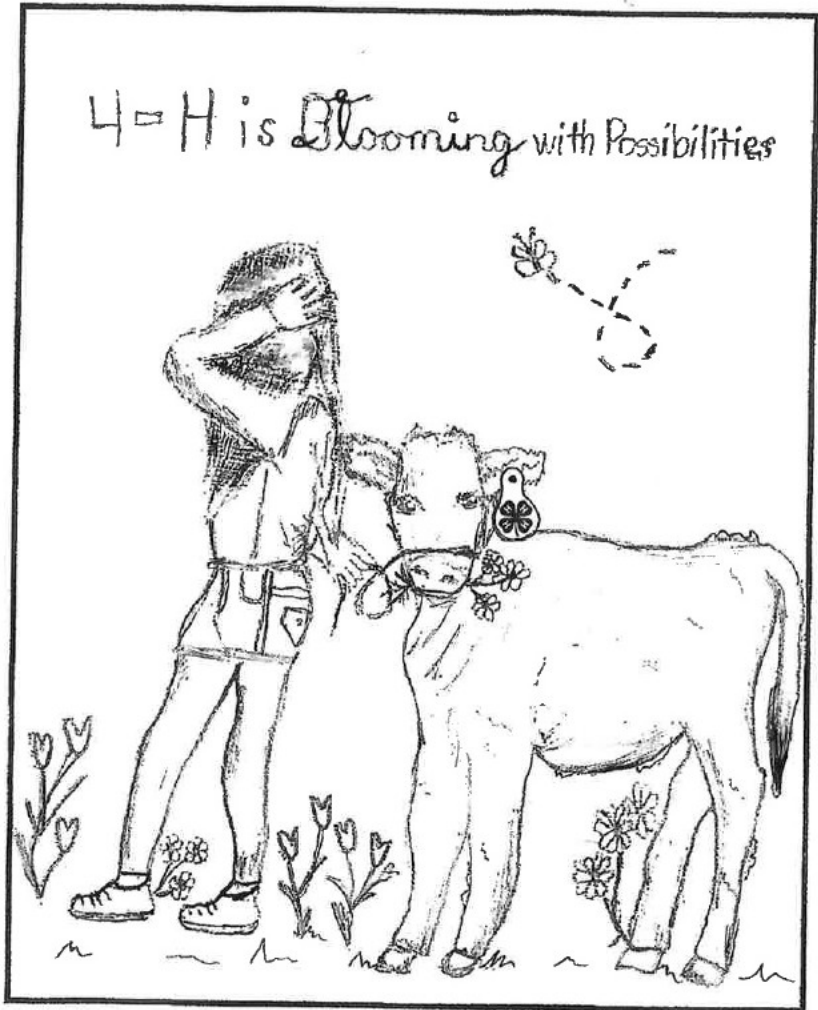


ELLSWORTH COUNTY 4-H FAIR



Cover Design created by
Cassadee Janzen, County Liners 4-H Club

JULY 21-24, 2025

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4-H Schedule of Events

Friday, July 18

8:30 a.m. 4-H Dog Show
10:00 a.m. 4-H Pet Show

Saturday, July 19

8:00 a.m. 4-H Horse Show

Sunday, July 20

2:00 p.m. Fashion Revue Judging
5:00 p.m. Public Fashion Revue
6:30 p.m. Barn/Rec Center Clean up and Set up

Monday, July 21

9:00 a.m. 4-H Visual Arts Judging
4-H Photography Judging
4-H Live Skills Judging Contest
6:00 p.m. 4-H livestock may be brought into barns
6:00 p.m. -8:00 p.m. Sheep, Meat Goat, and Dairy Goat check-in and weigh-in
6:30 p.m. 4-H Poultry Check-in
7:00-9:00 p.m. Check in Open Class Exhibits
11:00 p.m. Barn Curfew

Tuesday, July 22

8:00 a.m. 4-H Superintendents check in exhibits - all divisions
8:00 – 9:30 a.m. Swine and Beef weigh-in and check-in
8:00 – 9:30 a.m. Check in Open Class Exhibits
9:00 a.m. 4-H Foods Judging
9:30 a.m. All 4-H exhibits to be in place
(4-H Entomology and Foods exhibits can be brought at time of consultation judging)
10:00 a.m. Open Class Judging
10:00 a.m. 4-H Plant Science Judging
11:00 a.m. 4-H Food Preservation Judging
12:00 p.m. 4-H Fiber Arts Judging/Clothing Construction Judging
1:00 p.m. 4-H Woodworking, Forestry, Electric, Entomology, Notebooks, Project Exhibits,
Interior Design & Architecture, Banners, Geology, Rocketry, Building Block Engineering
Judging
2:00 p.m. 4-H/Open Class Ag Mechanics Judging
3:00 – 9:00 p.m. 4-H/Open Class Exhibits on display
4:00 p.m. Dairy Goat Show
5:00 p.m. – 4-H Food Sale
5:30 p.m. 4-H Sheep, Goats, Shepherd's lead
Conclusion 4-H Rocket Launch, Baseball Diamond
11:00 p.m. Barn Curfew

Wednesday, July 23

8:00 a.m. 4-H Swine Show
8:00 a.m. – 9:00 p.m. 4-H/Open Class Exhibits open to public
9:00 a.m. Open Class Tag-Along Show
10:00 a.m. Tag-Along Shows (Goat, Sheep, Swine, and Bucket Calf)
10:30 a.m. 4-H Rabbit Show
11:30 a.m. 4-H Poultry Show
12:00 p.m. 4-H Silent Auction Intent to Sell Forms due
5:00 p.m. 4-H Beef Show
10:00 p.m. 4-H Livestock Premium Auction information due
11:00 p.m. Barn Curfew

Thursday, July 24

8:00 a.m. – 7:00 p.m. 4-H/Open Class Exhibits open to Public
9:00 a.m. 4-H Round Robin
11:00 a.m. – 6:00 p.m. 4-H Silent Auction
5:30 p.m. Community BBQ
6:00 p.m. 4-H Parade of Champions
6:00 p.m. Release of 4-H/Open Class exhibits from Rec Center
7:00 p.m. 4-H Livestock Premium Auction
7:00 p.m. Open Class Clean up

Sunday, July 27

4:00 p.m. 4-H Clean up Fairgrounds



4-H GROWS HERE

I pledge my HEAD to clearer thinking;
my HEART to greater loyalty;
my HANDS to larger service;
and my HEALTH to better living for my club,
my community, my country and my world.

2025 Major 4-H Fair Book Changes

- NEW Herdmanship contest rules (page 15)
- 2nd Year Bucket Calf – #10 Rule Updated, added #11 (page 19)
- Carcass Show – Added Rules (page 21)
- Horse – #6 rule updated to June 1, add #7 rule, and added classes (pages 25 – 27)
- Meat goats – #17 added rule (page 28)
- Sewing & Textile – #6 added rule (page 36)
- Food and Nutrition – Update #12 rule (page 43)
- Food Preservation – #2 updated, #8 & #9 added rules (pages 45-47)
- Interior Design & Architecture – COMPLETELY REWRITTEN (pages 48-51)
- Plant Science – New classes (pages 53-55)
- Entomology – #13-#15 added class rules (page 68)
- Forestry – #8-#11 added class rules (page 73)
- Geology – New classes (pages 75-76)
- Photography – #11-#16 new class rules (page 79)
- Visual Arts – #12 added rule (page 90)
- Wildlife – ALL NEW CLASS RULES (pages 91-94)
- Woodworking – #9-#12 added class rules (page 95)

4-H Key Committees and Staff

2025 MIDWAY DISTRICT GOVERNING BODY

Gaylon Walter, Chair

Gunnar Hays, Vice Chair

Amy Westerman, Secretary

Julie Nienke, Treasurer

MEMBERS

Justin Hlaus

Marcia Blundon

Melinda Olson

Virginia Vetter

2025 ELLSWORTH COUNTY FAIR ASSOCIATION

Brent Goss, President

Heath Ehrlich, Vice President

Tobina Norris, Secretary

Troy Soukup, Treasurer

MEMBERS

Michelle Brokes

Sharla Huseman

Lucas Janzen

Katie Kueser

Chuck Norris

2025 4-H PDC MEMBERS

Kristin Haase

Katie Kueser

Julie Nienke

Stephanie Zamrzla

2025 ELLSWORTH COUNTY 4-H COUNCIL

Hannah Vague, President

Brekyn Zier, Vice President

Brooklyn Thielen, Secretary

Leah Howard, Treasurer

John Barta, Reporter

MEMBERS

Laura Barta

Camille Beckman

Lakyn Beckman

Allan Brokes

Kerianne Ehrlich

Paula Gray

Sarah Goss

Pam Hays

Sheri Howard

Lindsey Huseman

Katie Kueser

Janna Nelson

Josie Nelson

Tobina Norris

Trent Norris

Ashlyn Schwerdtfeger

Sheridan Soukup

Monica Zier

MIDWAY EXTENSION DISTRICT STAFF

Jessica Kootz, District Director; Family and Consumer Sciences Agent

Clinton Laflin, Livestock Production Agent

Craig Dinkel, Crop Production and Horticulture Agent

Rutika Bhakta, Office Professional

Diane Johnson, Office Professional

4-H Rules & Regulations

4-H GENERAL RULES

All entries are limited to 4-H boys and girls who are enrolled in 4-H projects in Ellsworth County. 4-H members must be at least seven years of age and not older than 18 as of January 1 of the current year.

4-H members must have been enrolled in a 4-H club project in which they exhibit by May 1, 2025. Exhibits must be the result of 4-H club projects since the last County Fair.

Any items not listed will be left to the discretion of the Agent in conjunction with the Fair Association. Premiums may be withheld on items not listed.

The Midway Extension District Governing Body, the Ellsworth County 4-H Council, and the Ellsworth County Fair Association will not be responsible for accidents. All possible care will be taken of exhibits, but the Council will in no way be responsible for any damage or loss sustained.

CODE OF ETHICS: Believing it is in the best interest of all junior exhibitors to maintain a reputation of integrity and to present a wholesome image, The Ellsworth County Fair Association sets for the following regulation: 4-H members are expected to conduct themselves according to the highest standards of their organization. All participants are expected to act in a professional manner showing respect to judges, other exhibitors, staff, and the public. Inappropriate conduct (drinking, stealing, vandalism, and indiscreet behavior) WILL NOT BE TOLERATED. Any violation of this rule will be grounds for disqualifying the exhibitor and/or livestock involved and any premium money earned will be forfeited. The Ellsworth County Fair Association will stand by the 4-H Code of Conduct and have the ability to revoke ribbon money and auction participation.

4-H Code of Conduct

The 4-H Code of Conduct is intended to foster a safe environment that encourages optimal learning and growth. The opportunity to participate in or attend 4-H activities is a privilege and not a right. All 4-H participants – youth, families, volunteers, and extension staff – who participate in or attend any activity or event sponsored by Kansas State Extension 4-H Youth Development Program are expected to uphold the values of the Kansas 4-H program and conduct themselves according to the standards listed below. These standards also apply to online 4-H activity, including social media and internet presence. Whether online or in person, this Code of Conduct is to guide participants to think critically, behave safely, and participate responsibly in our shared world. The following Kansas 4-H Code of Conduct is a condition of participation in any Kansas 4-H activity or program.

4-H Rules & Regulations

1. Be present, attentive, and engaged in the 4-H activities. Practice good sportsmanship, be helpful to others, uphold ethical practices in 4-H projects and events, and never cheat or falsely represent efforts related to 4-H project activities.
2. Know and follow federal, state, and local laws that apply to minors (e.g., no use of alcohol, illicit (non-prescribed) drugs, and tobacco in any form) even when I am 18 or 19 years old and still a program participant.
3. Use language and actions that do not substantially interfere with others' participation in the program. (Swearing, harassment, and bullying are not allowed.) You are personally responsible for any damage you cause as a result of your behavior, including the cost of any physical injury or property damage you cause in the course of your participation in any program or event.
4. Know and follow safety policies and procedures of Kansas State University, K-State Research and Extension (KSRE), and guidelines of the 4-H Youth Development Program, as applicable to this program. (Such as: not leaving the program area without permission from the program supervisor; be in assigned lodging and program areas during activities; abide by curfew hours; and, any other additional safety policies established by a specific event or program.)
5. Obey all rules and directives that apply to the 4-H activity where I am involved.
6. Use mobile electronic devices during a scheduled 4-H activity only in a manner that is consistent with the approved activity and not disruptive.
7. Conduct yourself and your project work in a manner that is trustworthy, respectful, responsible, fair, caring, and in good citizenship. You are representing your family, 4-H club, community, extension unit, and state.
8. Apply these conduct standards to online 4-H activity, including social media and internet presence.

ALL reference to age means as of January 1 of the current year. Maximum age for exhibitors is eighteen (18) years old on January 1.

Junior Division (unless otherwise stated):

4-H members 7, 8, and 9 years old on January 1.

Intermediate Division (unless otherwise stated):

4-H members 10, 11, 12 and 13 years old on January 1.

Senior Division (unless otherwise stated):

4-H members 14 years old or older on January 1. Past champions are eligible.

Pre-entry is required for all Divisions. ALL Pre-entry must be completed online via Ellsworth County FairEntry. Any entry turned in late will be assessed a late fee per entry AND the fee must be paid at the entry time. Late entries will be assessed as follows:

4-H Rules & Regulations

<i>Before July 10: No Fee</i>	<i>July 11-Day before fair starts: \$10</i>	<i>Day fair starts-Day fair ends: \$25</i>
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This is in place for all areas except for Fashion Revue, no late entries will be accepted for Fashion Revue. Exception to the Late Fee Penalty is if the 4-H member changes classes within a certain division for which they were already entered.

Intent To Sell Cards for the Livestock Premium Auction must be turned into the Fair Office by 10:00 p.m., Wednesday, July 23, 2025, if you intend to sell an item in the auction. All animals to be sold must meet minimum final weight requirements. Any 4-H'er selling livestock at the Ellsworth County Fair will have completed Youth Quality Care of Animals (YQCA) annual certification by July 1 of the current year via Midway Extension District Office on-site classes or online. This includes beef, sheep, goats, swine, rabbits, and poultry. If a certification number is not on file prior to July 1 of the current year, exhibitors will not be able to participate in the Livestock Auction.

Intent to Sell Forms for the Silent Auction (for static items only) must be turned into the Fair Office by 12:00 p.m., Wednesday, July 23, if you intend to sell an item in the Silent Auction. 4-H'ers may only sell ONE item/animal in either the Livestock Premium Auction OR the Silent Auction. The Silent Auction is a terminal auction; the item you are auctioning will be given to the buyer.

Entry Cards

Entry cards may be picked up at the Ellsworth Rec Center on Monday, 8:00 a.m. to 2:00 p.m. and again on Tuesday from 8:00 a.m. to 10:00 a.m.

Entry cards must be attached to all exhibits in the Ellsworth Rec Center. There will not be any entry cards for livestock, horse, dog, poultry, rabbits, and pet exhibits. Exhibitor should not make comments on the exhibit card about their project.

Ribbons and Judging

Projects will be judged using the Danish System which is a method of evaluation where a 4-H exhibit or process is evaluated against a set of standards, and recognition is awarded on the degree to which the standard has been met by each 4-H member. The standards of excellence are often printed on a judge's scorecard, and allows for the 4-H exhibit to be judged on one's own merit, and not in comparison with others in the class.

4-H Rules & Regulations

The following ribbons apply:

WHITE: Fair, much improvement needed. Fails to meet minimum standards.

RED: Good, some improvements needed. Meets minimum standards.

BLUE: Excellent, minor improvements needed. Exceeds minimum standards.

PURPLE: Superior, outstanding on all standards.

One ribbon placing will be docked if all project requirements are not met.

Champion and Reserve Champion ribbons will be awarded to each project as long as all qualifications are met and the judge feels the quality to receive such a ribbon is exhibited. For breeding livestock, breed Champions will be designated.

Only champions or class winners are eligible for Overall Grand Champion. If the division only has one entry or one champion, the judge will determine if the exhibit is worth Overall Grand Champion. After the selection of the Overall Grand Champion, the Reserve Champion or 2nd place winner in that division or class will compete for Overall Reserve Champion **with the exception of the Horse Project (see specific rules for Horse Showmanship Grand and Reserve Champion selection)**. No red ribbons will be considered for Overall Grand Champion. **All purple winners are eligible for Kansas State Fair if members and exhibits meet the State Fair guidelines.**

Only exhibits designated by the judge are eligible for the State Fair except all Blue Ribbon livestock which are eligible with extension agent approval. 4-H members must meet age requirements to exhibit at State Fair.

Classes marked with an asterisk (*) are NOT eligible for Kansas State Fair Competition. Cloverbuds have their own Division - see page 13.

Protests and Grievances

Protests or grievances regarding fair operations or qualifications of eligibility of any competing person, animal, or object submitted for competition and showing in any class or event must be submitted in writing, signed, and accompanied by a \$50 deposit. The deposit is forfeited if the protest is overruled. The hearing committee will consist of Ellsworth County Fair Association Executive Board, extension agent, and relevant division superintendents. When the protest is either allowed or denied, the course of action shall be entered in writing and filed with the Association Secretary. The Ellsworth County Fair Association may waive the above rules if, in their opinion, it is warranted.

Parents are encouraged to observe in the Conference Judging with the 4-H member. However, the parents are NOT to converse with the judge until the judging of their child's project is complete.

4-H Rules & Regulations

4-H General Livestock Rules

Only those animals exhibited at the County Fair will be eligible for the Premium Auction.

Any animal deemed “wild” will not be allowed to show. This will be determined by the division superintendent, extension agent, and fair association chairperson.

All Exhibitors will be provided wood shavings for bedding in pens. Hosing of pens (for cleaning, watering, or washing) will NOT be permitted. All washing of animals must occur in designated wash areas. Automatic waterers and misters will NOT be permitted. Fans will be provided in the area. Manure is to be removed and disposed of in the provided areas.

Stall space, at the barn, will be assigned by the Beef, Dairy, Sheep, and Swine Committee.

All sick animals will be barred from the Fair. No health requirements other than those listed under Special Rules in each Division, except in the event of a sudden disease outbreak in the county.

There is no minimum weight to show any livestock animal! There are sale minimum weights (see page 17).

All 4-H members participating in the Livestock Premium Auction MUST have a YQCA certification number on file at the Extension Office prior to July 1 of the current year.

All animal exhibitors are eligible to enter the Showmanship Contest and will be **entered automatically**. Animals used in Showmanship must be entered in a regular 4-H Livestock class, with the exception of horse. Judging will be 50% on Fitting of the Animal and 50% on Presentation to and Consultation with the Judge.

Animals must be in stalls or pens except when showing, washing, or feeding. Beef exhibits can be tied out in the designated area at night. Livestock cannot be watered in the barn. Water animals in designated areas.

Each exhibitor is responsible for the care and appearance of their animals and must furnish their own feed and equipment.

4-H Rules & Regulations

Exhibitors must show their own animals except with permission from the division chairperson. The substitute show person must be an Ellsworth County 4-H member.

Showmanship Classes: 4-H member must show their own animal.

Stall cards will be available for pickup at the Fair office.

Ear tags will not be released from the Extension Office.

Kansas 4-H eID ear tags will be required for all livestock animals, except for registered breeding stock. When animals lose their ear tag, they will be re-tagged by an extension agent and paperwork verifying the animal's new tag number will be sent to the State 4-H Office.

Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

GENERAL BARN RULES

1. **K-State Research and Extension, Midway District will not be organizing a barn sleep over, effective 2023.**
2. Curfew will be set at 11:00 p.m. unless returning with parents.
3. 4-H members without animals in the barn and non-4-H members must be out of the barn by 11:00 p.m.
4. There will be NO sponsors, parents will be responsible.
5. Using or possessing alcohol, tobacco, or any controlled substances not under physicians' prescription at any 4-H event by program participants is prohibited. Violators will face disciplinary actions.
6. It is the right of Ellsworth County Fair Association/extension staff to call parents if a child is unruly.

4-H Committees and Work Times

FOOD SALE, Tuesday, July 22 at 5:00 p.m. Stephanie Zamrzla – Chair
One member from each club is required to work the sale table.

CLUB CLEAN UP DUTIES

TRYING TOMMIES	BARN/ BLEACHERS/ SHOW ARENA
ASH CREEK	TRASH
WILSON WINNERS	OUTSIDE BATHROOMS
ELKHORN	INSIDE BATHROOMS
COUNTY LINERS	RECREATION CENTER

Midway–Ellsworth County 4-H Cloverbud Program

- This program is set up for youth ages 5-6 to join in 4-H activities before officially becoming a member.
- Cloverbuds will be allowed to exhibit a maximum of four fair entries. They may NOT enter in ANY animal divisions, with the exception of the pet show. See Tag-Along Livestock in open class for animal entries they can enter (page 22).
- The program is strictly non-competitive. All county fair exhibits will be conference judged with each Cloverbud participant receiving a participation ribbon. No premiums will be paid.
- No project items can be sold at the Livestock Auction or Silent Auction.

4-H JUDGING CONTESTS

4-H Judging Contests

4-H LIVESTOCK JUDGING CONTEST,

THERE WILL BE NO LIVESTOCK JUDGING CONTEST FOR 2025

LIFE SKILLS JUDGING CONTEST, Monday, July 21 at 9:00 a.m.

1. Sign in anytime before, during, or after Visual Arts and Photography judging.
2. Open to all current 4-H members
3. Contestants will judge a variety of life skills.
4. Classes may include: foods, nutrition, presentation, leadership, etc.
5. Age divisions as of January 1:
 Senior: 14-19 years old
 Intermediate: 10-13 years old
 Junior: 7-9 years old
6. Awards will be given in each age division.

4-H Herdsmanship Contest

1. Each club with 4-H members enrolled will compete for herdsmanship.
2. Judges will be chosen to score herdsmanship.
3. Judging will be on the following basis:
 - A. Stalls and Pens Identification – 10 points**
 - Use of official Exhibitor's Identification Cards
 - County and 4-H Club identified
 - Exhibitors identified
 - Exhibits identified
 - Ribbons displayed
 - B. Cleanliness of Alleys and Stalls – 20 points**
 - Clean bedding
 - Animals removed from stalls to ensure bedding cleaned thoroughly
 - Stalls free of manure or objectionable odor
 - Storage areas clean and neat
 - C. Appearance of Animals – 20 points**
 - Clean animals in stalls
 - No adhesive left in hair of animals
 - No straw and/or manure adhering to the animals
 - Animals properly tied and use of neck ropes to prevent runaways

4-H Herdsmanship Contest

D. Appearance of Assigned Cleaning area – 50 points

Barn/ Bleachers/ Show Arena

- Wipe Down Picnic Tables
- Sweep Bleachers
- Cleaning the area of animal waste
- Raking arena after each show

Outside/ Inside Bathrooms

- Clean Mirrors
- Wipe Down Sinks
- Wipe Down Stools/Urinal
- Flush Stools/Urinal
- Refill Paper Towels and Toilet Paper
- Empty Trash
- Sweep

Recreation Center

- Refill Water Coolers
- Put Out More Cups
- Sweep and Clean Floors (twice a day)

Trash

- Pick Up Trash in Recreation Center, bleachers, and show arena
- Empty Trash Barrels

4-H LIVESTOCK /SMALL ANIMALS

4-H Livestock Premium Auction

PREMIUM AUCTION

******THE ELLSWORTH COUNTY FAIR ASSOCIATION (ECFA) MANAGES THE LIVESTOCK PREMIUM AUCTION.***

***** PLEASE REFER TO PAGE 35 FOR STATIC SILENT AUCTION RULES. FOOD, FOOD PRESERVATION, AND HORTICULTURE ITEMS WILL BE SOLD IN THE SILENT AUCTION.***

Special Rules:

INTENT TO SELL CARDS MUST BE TURNED INTO THE FAIR OFFICE by 10:00 p.m., Wednesday, July 23, 2025, if you intend to sell an item in the Livestock Auction.

1. Show order will be Grand Champion, Reserve Champion, blue ribbon by

4-H Livestock Premium Auction

- drawing, and red ribbon by drawing.
2. 4-H members may sell only one item at the Livestock Auction **OR** one item in the Silent Auction.
 3. Only one item may be sold at the Livestock Auction, including poultry, rabbit, market hog, market beef, market goat, or market lamb.
 4. Only animals designated by the committee will be sold.
 5. Each club may sell one promotional item. (ex: basket, cookie jar, photo)
 6. Any 4-H'er selling livestock at the Ellsworth County 4-H Fair will have completed Youth Quality Care of Animals (YQCA) annual certification by July 1 of the current year via Midway Extension District Office on-site classes or online. This includes beef, sheep, goats, swine, rabbits, and poultry. If a certification is not on file prior to July 1 of the current year, exhibitors will not be able to participate in the Livestock Auction.
 7. Selling weight of **ALL** market beef will be the entry weight less 3% shrinkage.
 8. Hogs and sheep will be weighed the first day of the fair. Selling weight of sheep and swine will be entry weight less 2% shrinkage.
 9. To be sold:
 - market lamb – minimum of **90** pounds final weight.
 - market pig – minimum of **190** pounds final weight.
 - market beef – minimum of **1000** pounds final weight.
 - 2nd year bucket calf – minimum of **800** pounds final weight.
 - meat goats – minimum of **60** pounds final weight.
 10. Dairy animals are not eligible for the Livestock Premium Auction as they are not market animals.
 11. The ECFA Sale Committee has final decision on methods of obtaining and awarding the floor bid, establishing the sale order, securing the auctioneer, ring man, and clerks.
 12. Exhibitors must be present in order to sell in the Premium Auction.
 13. Animals may only be sold through the Ellsworth Premium Auction only once in their life time.
 14. There will be a 2% commission taken on all items sold through the Premium Auction. This will be figured on sale amount and any dollars added to each seller after the auction.
 15. Late entries for the auction will be accepted until 10:00 a.m. on Thursday, July 24 with a required late fee of \$20.
 16. Buyer ribbons will be available at the Extension Office for sellers to pick up and provide to their purchasers with a Thank You note.

4-H Round Robin

ROUND ROBIN COMMITTEE

Kara Quilter*

Karl Dawn Stover

Special Rules:

1. Horse, dairy, meat goats, beef, sheep, and swine are invited to compete in Round Robin.
2. The Grand Champion Showman of each species is eligible to show for the overall showman.
3. If for any reason, the Grand Champion from any species cannot or wishes not to show for the overall showman, the Reserve Grand Champion from that species will take his/her place.
4. In the event that a showman is selected as Grand Champion from multiple species, the individual has the right to choose which species they will represent in the Round Robin. The Reserve Grand Champion from the species not chosen by the individual will be eligible to participate in the Round Robin.
5. An informational contestant meeting will be held prior to the start of the Round Robin.
6. Contestants will be given a back tag/number to wear as a means of identification throughout the competition.
7. Species will be shown in a random order determined by draw.
8. Prior to the start of the Round Robin, one species will be drawn at random and placed in a sealed envelope. The envelope will be opened in the event of a tie where the placing of the species inside the envelope will determine the Grand and Reserve Grand Champion overall showman.
9. Adult Superintendents from each species will select animals to be used for the Round Robin. Selected animals do not have to be fit prior to the Round Robin, but should be free of any sawdust, manure, etc. before entering the arena. Selected animals will come show ready with leads, halters, show sticks, etc.
10. Each contestant will draw a number at random to select an animal to show immediately upon entering the show ring. No family animal may be shown by siblings unless no other animals are available.
11. Any substitution of animals for the competition due to any reason will be made at the discretion of the species superintendent and the at large fair association members.
12. Youth will compete in one age division.
13. Each species will show one at a time with all contestants and animals in that species in the ring at the same time. If too few animals of a given species exist, the exhibitors will show the selected animals in waves.
14. The judge will rank the contestants within each species. The contestant with the lowest combined ranking will be the Grand Champion.
15. No parents talking to judge until ribbon placing awarded.

Division A – 4-H Beef

BEEF COMMITTEE

Chuck Norris*

Cade Brokes

Pate Jassen

Allan Brokes*

Lane Brokes

Wade Jassen

Delane Jassen

Case Jassen

Lance Wright

Special Rules:

Intent To Sell Cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 23, 2025, if you intend to sell an item in the auction.

1. See Livestock General Rules.
2. There is no minimum weight to show any livestock animal. See class rules for minimum weights to sell in the premium auction.
3. If necessary, steers will be divided by weights within the breed.
4. Sick animals will be barred from the show.
5. A cow/calf pair cannot be split into separate classes. They must either show together or separate NOT both.
6. All market beef and commercial heifers must be in the possession of the 4-H member by Beef Weigh-In date (typically early March) of the current year.
7. Registered heifer registration papers must show possession by June 15.
8. Registered heifers must have a copy of registration papers on file at the Extension Office by July 1.
9. An exhibitor may show a maximum of six head total (can be any combination of market steers and breeding heifers).
10. 4-H members exhibiting a first year bucket calf cannot enter in any other bovine class with the exception of second year bucket calf. A 4-H member ONLY entering a second year bucket calf may enter other bovine classes. second year bucket calves will be shown with bucket calves on Wednesday morning. If you choose to show your second year bucket calf on Wednesday morning, they will be judged the same as a bucket calf (see rule 3 under bucket calf). If you would like the judge to give feedback on the calf's body composition and do showmanship, you can show in the normal breeding and market classes. You would need to select the breeding or market class during FairEntry. This would allow the calf to run for grand champion breeding heifer or market steer. Second year bucket calves cannot do the Carcass Show or the Livestock Auction.
11. Once you show in the Breeding or Market Beef Class, you can't go back down to the bucket calf classes.
12. All water troughs, tubs, containers, etc. will not be allowed in the tie area of all beef animals, including bucket calves.
13. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency

Division A – 4-H Beef

situation at the discretion of the veterinarian and/or division chair and/or extension agent.

14. No cow/calf pairs can be in the overall female drive.
15. No parents talking to judge until ribbon placing awarded.

Bucket Calf Project

Special Rules:

1. Calves must have been weaned prior to the fair.
2. Each calf must be broke to lead.
3. Judging will be based on: 50% Consultation with Fair Judge; 50% Showmanship.
4. Calves must stay at the fair until all exhibits are released.
5. Bucket calves should be properly groomed.
6. Calves must be born between January 1 and weigh-in of the current year.
7. Bucket calves weigh in at small animal weigh-in or a tagging request needs to be turned in to the Extension Office by the deadline.

1015 Bucket Calf 4-H members 7-9 years old by January 1

1016 Bucket Calf 4-H members 10-12 years old by January 1

Second Year Bucket Calf

Special Rules:

1. Open to all 4-H members that participated in the bucket calf project the previous year.
2. Second year bucket calf must have been owned by 4-H member/family and must have been exhibited as a “4-H” exhibit prior to being exhibited as a second year bucket calf.
3. There will be two divisions: Market Animal and Breeding Heifer with a champion in each division.
4. No minimum weight for an animal to be shown. However, there is an **800** pound minimum final weight limit for the sale.
5. Placing will be based on 50% knowledge of the project and 50% physical appearance and showmanship.

1017 Market 2nd Yr Bucket Calf 2nd Year Bucket Calf (Market)

1018 Breeding 2nd Yr Bucket Calf 2nd Year Bucket Calf (Breeding)

Breeding Beef:

Special Rules:

1. Registered Heifers show according to breed.
2. Breeds will be shown in alphabetical order with commercial being shown last.

Division A – 4-H Beef

3. Only Breed Champions and Reserve Champions will be able to compete for overall Supreme and Reserve Supreme Breeding Beef.

1001 Angus

1002 Gelbvieh

1003 AOB

1004 Maine Anju

1005 Shorthorn

1009 Charlais

1010 Hereford

1011 Simmental

1012 Limousin

1013 Red Angus

1019 Commercial

1000 Cow-Calf Pair

Market Steers & Heifers

Weight classes are determined at weigh-in by division chair and committee.

Special Rules:

1. No minimum weight for an animal to be shown. However, there is a **1,000** pound minimum final weight limit for the sale.
2. Champion and Reserve Champion will be designated for each weight division.
3. Any steer/heifer receiving a white ribbon cannot be sold at the auction.

1006 Market Beef-Steer Market Steer

1007 Market Beef-Heifer Market Heifer

Beef Showmanship

Special Rules:

1. Bucket calves will not be allowed to compete in showmanship contests.

Senior Beef Showmanship (14 years and up)

Intermediate Beef Showmanship (10-13 years)

Junior Beef Showmanship (7-9 years)

Carcass Show

Special Rules:

1. The animal must show at the Ellsworth County Fair to participate in the Carcass Show. Only one entry per youth.
2. Market Beef must weigh a minimum of 1,000 pounds to participate in the Carcass Show.
3. The animal **MUST** be weighed in at Spring Beef Weigh-In to participate in the Carcass Show.

1014 Beef Rate of Gain Contest

The only requirement to participate in this contest is to have your market animal officially weighed and ear tagged at official weigh-in date and exhibit him at the county 4-H Fair. **The final weight of the steer will be the entry weight at the**

Ellsworth County 4-H Fair

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Division A – 4-H Beef

fair minus 2% shrinkage. To be entered into the contest, you must attend Spring Beef Weigh-In.

Division B – 4-H Dairy Cattle & Dairy Goats

DAIRY CATTLE AND DAIRY GOATS COMMITTEE

Allan Brokes*

Dairy Cattle Special Rules:

1. See General Livestock Rules.
2. An exhibitor is limited to a total of six entries.
3. Cows in lactation may be taken home after the Dairy Show.
4. Exhibitors must own and have in their possession the animals by May 1 of the current year.
 - A. Holstein
 - B. Jersey
 - C. Milking Shorthorn
 - D. All Other Breeds
5. Registered animals – registration papers must show possession by June 15. Registered animals must have a copy of registration papers on file at the Extension Office by July 1.
6. No parents talking to judge until ribbon placing awarded.

Dairy Cattle

1096 Heifer Heifer calves dropped after September 1 of previous year.

1097 Yearling Heifer Yearling heifers dropped between September 1 of two year previous and previous year.

1098 Heifer/Cow Heifers or cows dropped before August 31 of two years previous.

1099 Cow/Calf Cow/Calf pair

Dairy Cattle Showmanship

Senior Dairy Cattle Showmanship (14 years and up)

Intermediate Dairy Cattle Showmanship (10-13 years)

Junior Dairy Cattle Showmanship (7-9 years)

Dairy Goat Special Rules:

1. Entries will be placed in classes by age with the day of judging being the base date.
2. No health certificate is required. Animals must be free of abscesses and otherwise healthy. All goats are subject to inspection by a veterinarian.
3. An exhibitor is limited to a total of six entries. Only does are allowed to

Division B – 4-H Dairy Cattle & Dairy Goats

- show.
4. All goats must be owned by, in possession of the exhibitor, and tagged by May 1 of the current year.
 5. Registered animals - registration papers must show possession by June 15. Registered animals must have a copy of registration papers on file at the Extension Office by July 1.
 6. Dairy goats do not participate in the Livestock Premium Auction as they are not market animals.
 7. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
 8. No parents talking to judge until ribbon placing awarded.

Dairy Goats

- | | |
|-------------------------|-------------------------------------------------------------------------|
| 2191 Junior Doe | Doeling up to four months of age. |
| 2192 Junior Doe | Doeling four thru seven months of age. |
| 2193 Junior Doe | Doe eight thru 11 months of age. |
| 2194 Dry Doe | Doe 12 months and under 24 months. |
| 2195 Milking Doe | Doe under 24 months of age
(any age in milk or previously freshened) |
| 2196 Senior Doe | Doe 24 months and older
(any age in milk or previously freshened) |

Dairy Goats Showmanship

Dairy Goat Showmanship Dairy Goats Showmanship (all ages)

Division C – 4-H Dog Show

DOG SHOW COMMITTEE

Julie Nienke*
Lane Howard

Kelly Thielen

Brooklyn Thielen

Special Rules:

1. Dogs are to be brought to the Ellsworth Rec Center for the show only.
2. Proof of current rabies and parvo vaccination signed by a licensed veterinarian must be presented to the superintendent before the show to be able to compete.
3. Any abuse of dogs on grounds or in the ring will result in disqualification.
4. No dog in season will be allowed to show in either Showmanship or

Division C – 4-H Dog Show

Obedience.

5. Choke chain, soft training collar, and leather web leads are to be used for Obedience.
6. Once a 4-H member scores 170 points or greater with the same dog under two different judges, the member must advance to the next obedience level at the start of the next 4-H year. At any time that the leader, parent, and member agree that the 4-H member and dog are ready to move to the next level, they may, but once that is done, they cannot regress back to a lower level.
7. Any dog fouling the ring will be an automatic white ribbon.
8. Baiting dogs is not allowed.
9. Arm bands will be issued at check-in prior to the show and will be worn on the left arm of the exhibitor.
10. 4-H members 9 years and older, who have met county qualifications with a qualifying score of at least 170 points for Obedience, or State Fair blue in Showmanship can compete in the State Fair 4-H Dog Show.
11. Dogs participating in all dog classes cannot be entered in the Pets Division.
12. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
13. No parents talking to judge until ribbon placing awarded.

Dog Obedience

3610A Pre Novice A – Obedience: For handler's first year or dog's first year.

3610B Pre Novice B – Obedience: For experienced 4-H members and experienced dog. Experienced means the 4-H member has shown a dog or the dog has been shown previously.

3610 Novice: For 4-H members with a dog qualified in Pre Novice A or B

3615 Graduate Novice: For 4-H members who have qualified in Novice the previous year.

3620 Open A – Obedience: For 4-H members with a dog qualified in Graduate Novice.

3625 Open B – Obedience: For 4-H members with a dog that qualified in Open A.

Dog Showmanship

3600A Junior Dog Showmanship (7-8 years old – not eligible for KSF)

3600 Junior Dog Showmanship (9-11 years old)

3602 Intermediate Dog Showmanship (12-14 years old)

3605 Senior Dog Showmanship (15 years and older)

Division D – 4-H Horse & Horsemanship

HORSE & HORSEMANSHIP COMMITTEE

Abby Janssen*

Karli Haase

Kristin Haase

Clayton Huseman

Horse Showmanship

Special Rules

1. See General Livestock Rules.
2. Horses that are injured or lame cannot be shown.
3. Horses will be brought in only the day of the judging.
4. The age of the colt is determined as of January 1 in the year it is born.
5. Stallions may be exhibited only in the weanling halter classes.
6. All horses entered in the fair must have a “4-H Horse Identification Certificate” completed and in the County Extension Office by June 1 of current year.
7. All horses entered in the Ellsworth County Fair 4-H Horse Show must present proof of negative Coggins test within the last 12 months by June 1.
8. Age divisions can be found in the General Rules. Novice is an inexperienced rider with less than one year enrolled in the horse project.
9. All Kansas 4-H Horse Show Rule Book rules apply.
10. Grand Champion and Reserve Champion will be selected by a process determined by the Horse Showmanship Judge. This may include utilization of a new pattern and all eligible participants evaluated together.
11. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
12. No parents talking to judge until ribbon placing awarded.

Senior Horse Showmanship (14 years and up)

Intermediate Horse Showmanship (10-13 years)

Junior Horse Showmanship (7-9 years)

3016 Halter Classes

Halter classes will be held according to age and sex. Exhibitors must indicate this information on entry card.

Filly Filly (Weanling)

Filly Filly (Yearling)

Filly or Mare Filly or Mare (2 year old)

Filly or Mare Filly or Mare (3 year old)

Filly or Mare Filly or Mare (4 year old & older)

Gelding Gelding (Weanling)

Division D – 4-H Horse & Horsemanship

Gelding	Gelding (Yearling)
Gelding	Gelding (2 year old)
Gelding	Gelding (3 year old)
Gelding	Gelding (4 year old & older)
Stallion	Stallion (Weanling)

3018 English Division

English	4-H English Pleasure, Sr. Division (horse judged)
English	4-H English Pleasure, Int. Division (horse judged)
English	4-H English Pleasure, Jr. Division (horse judged)
English	4-H English Pleasure, Novice Division (horse judged)
English	4-H English Equitation, Sr. Division (rider judged)
English	4-H English Equitation, Int. Division (rider judged)
English	4-H English Equitation, Jr. Division (rider judged)
English	4-H English Equitation, Novice Division (rider judged)

3017 Western Division

Western	4-H Western Horsemanship, Sr. Division (rider judged)
Western	4-H Western Horsemanship, Int. Division (rider judged)
Western	4-H Western Horsemanship, Jr. Division (rider judged)
Western	4-H Western Horsemanship, Novice Division (rider judged)
Western	4-H Pleasure, Sr. Division (horse judged)
Western	4-H Pleasure, Int. Division (horse judged)
Western	4-H Pleasure, Jr. Division (horse judged)
Western	4-H Pleasure, (two handed, 2 year old snaffle bit)
Western	4-H Pleasure, Novice Division (horse judged)
Western	4-H Pleasure Pairs
Western	4-H Ranch Rail, Sr. Division
Western	4-H Ranch Rail, Int. Division
Western	4-H Ranch Rail, Jr. Division
Western	4-H Working Ranch, Sr. Division
Western	4-H Working Ranch, Int. Division
Western	4-H Working Ranch, Jr. Division
Western	4-H Working Ranch, Novice Division
Western	4-H Reining Sr. Division
Western	4-H Reining, Int. Division
Western	4-H Reining, Jr. Division
Western	4-H Reining, Novice Division
Western	4-H Trail Class
Western	4-H Trail Class, Novice Division
Western	4-H Ranch Trail
Western	4-H Ranch Trail, Novice Division
Western	Novice Walk/Trot Western pleasure (Rail) – Rider 18 & under, no

Division D – 4-H Horse & Horsemanship

lope class can be shown

Western Novice Walk/Trot Western Horsemanship (Pattern) – Rider 18 & under, no lope class can be shown

Timed Events

3037 Timed – Pole Bending	Pole Bending, Sr. Division
3037 Timed – Pole Bending	Pole Bending, Int. Division
3037 Timed – Pole Bending	Pole Bending, Jr. Division
3038 Timed – Barrel Racing	Barrel Racing, Sr. Division
3038 Timed – Barrel Racing	Barrel Racing, Int. Division
3038 Timed – Barrel Racing	Barrel Racing, Jr. Division
3039 Timed – Flag Racing	Flag Racing, Sr. Division
3039 Timed – Flag Racing	Flag Racing, Int. Division
3039 Timed – Flag Racing	Flag Racing, Jr. Division

Division E – 4-H Meat Goats

MEAT GOATS COMMITTEE

Sarah Goss*

Paula Gray

Pierce Gray

Leah Howard

Special Rules:

Intent To Sell Cards must be turned into the Fair Office by 10:00 p.m.

Wednesday, July 23, 2025, if you intend to sell an item in the auction.

1. See General Livestock Rules.
2. There is no minimum weight to show any livestock animal. Animal must weigh a minimum of **60** pounds final weight in order to sell and can be any breed or combination of goat breeds. No maximum weight.
3. **Identification:** All meat goats must be tagged with an official 4-H tag. This must be done at weigh-in or by submitting a tagging request to the Extension Office by the deadline.
4. **Bracing:** Goats must be shown with all four feet on the ground. Exhibitors may use a collar, a collar with a short lead, or a halter when showing. Medium (3mm or smaller) pinch collars will be allowed.
5. **Teeth:** All goats must have baby teeth in place with no visible signs of permanent teeth. The decision of the mouther is final.
6. **Shearing:** At the time of check-in, all market meat goats must be “slick shorn” with uniform hair length not to exceed 3/8” from the knee and hock joints up before arrival on the grounds.
7. **Horns:** Wethers are suggested to be dehorned. However, if horns are left they need be rounded before coming to the county fair.
8. Market goats will be shown by weights in weight divisions if entries

Division E – 4-H Meat Goats

require.

9. Doelings and wethers are allowed to show in the Market Meat Goat Show.
10. An exhibitor is limited to a total of six entries.
11. No registration papers are required, except for the registered class.
Registered animals – registration papers must show possession by June 15.
Registered animals must have a copy of registration papers on file at the Extension Office by July 1.
12. Communicable Disease/Club Lamb Fungus – All goats will be visually inspected by a veterinarian for sore mouth, infectious skin lesions (ringworm), and general health. This will be done as you check in your goat. All blankets must be completely removed from all goats at check-in. Any goat found to be infected with active fungal lesions or other health problems, must be removed from the premises. Any goat may be required to undergo a second health inspection at the superintendent's request.
13. All goats must have a scrapies tag present in their ear before they may be exhibited at the fair.
14. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
15. No parents talking to judge until ribbon placing awarded.
16. Goats can only be shown at one Ellsworth County 4-H Fair.

Meat Goats

1035 Meat Goat Meat goats

Breeding Goats

1036 Breeding Meat Goat Boer Goats

1037 Breeding Meat Goat All Other Breeds

Meat Goats Showmanship

Senior Meat Goats Showmanship (14 years and up)

Intermediate Meat Goats Showmanship (10-13 years)

Junior Meat Goats Showmanship (7-9 years old)

1041 Meat Goat Rate of Gain Contest

The only requirement to participate in this contest is to have your meat goat officially weighed and ear tagged at the start of the feeding period and exhibit them at the Ellsworth County 4-H Fair. **The final weight of the meat goat will be the entry weight at the 4-H fair minus 2%.** To be entered into the contest, you must attend Small Animal Weigh-In.

Division F – 4-H Pets

PET COMMITTEE

Julie Nienke*
Lane Howard

Kelly Thielen

Brooklyn Thielen

Special Rules:

1. **Dogs and Cats three months of age and older must have proof of current rabies vaccination and any other age appropriate vaccines.**
2. Pets should be taken home right after judging.
3. Only one entry per class.
4. Kittens and puppies must be six months or younger to show in the Kitten or Puppy Class.
5. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
6. No parents talking to judge until ribbon placing awarded.

Pet

3650 Kitten
3651 Cat
3652 Puppy
3653 Dog
3654 Other

Division G – 4-H Poultry

POULTRY COMMITTEE

Pamela Hays*
Maize Barta

Kara Quilter

Laura Barta

Special Rules:

Intent To Sell Cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 23, 2025, if you intend to sell an item in the auction.

1. Not more than two pens of poultry may be shown in any one class.
2. All poultry must be free of external parasites.
3. Exhibitors must care for their poultry at the Fair. Failure to do so will be sufficient reason to withhold premiums and ribbons.
4. All poultry, except waterfowl (ducks & geese), must have a current pullorum-typhoid test and be banded at time of entry to be exhibited. (Pullorum testing and banding are done at check-in).

Division G – 4-H Poultry

5. All poultry must be owned and in the possession of the exhibitor by May 1 of the current year.
6. An exhibitor is eligible to sell one bird at the Livestock Auction if Champion or Reserve Champion is received.
7. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
8. No parents talking to judge until ribbon placing awarded.

Poultry

- 3201 Standard Lg Fowl** Standard Breeds-Large Fowl-One young bird of either sex.
- 3202 Standard Lg Fowl** Standard Breeds-Large Fowl-One old bird of either sex.
- 3203 Standard Bantam** Standard Breeds-Bantams-One young bird of either sex.
- 3204 Standard Bantam** Standard Breeds-Bantams-One old bird of either sex.
- 3205 Production Pen** Production Pullets-Pen-three standard bred, crossbred, or strain cross pullets to be judged on potential egg laying ability.
- 3206 Production Pen** Production Hens-Pen-three standard bred, crossbred, or strain cross hens to be judged on egg production qualities only.
- 3207 Dual Pen** Dual Purpose Pullets-Pen-three such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- 3208 Dual Pen** Dual purpose hens-Pen-three such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- 3215 Meat Pen** Meat-type Chickens-Pen-three standard bred, crossbred, or strain cross birds of the same sex to be judged on meat production qualities only.
- 3209 Turkeys** Turkeys-All breeds-one bird of either sex.
- 3211 Ducks** Ducks-All breeds-one bird of either sex.
- 3212 Geese** Geese-All breeds-one bird of either sex.

Division H – 4-H Rabbits

RABBITS COMMITTEE

Kara Quilter*

Special Rules:

Intent To Sell Cards must be turned into the Fair Office by 10:00 p.m.

Wednesday, July 23, 2025, if you intend to sell an item in the auction.

1. Exhibitor must care for their animals at the Ellsworth County Fair. Failure to do so will be sufficient reason to withhold premiums and ribbons. **All rabbits must be free of lice and other parasites.**
2. Each exhibitor is eligible to sell one rabbit at the Livestock Auction, if you

Division H – 4-H Rabbits

received Champion or Reserve Champion. A substitute Meat Class can be taken to State Fair if equal quality.

3. Each exhibitor may bring NO more than 18 different rabbits with TWO entries per class, per variety, per breed and one meat class.
4. **4-H member must be present when their rabbit(s) is judged.** A Champion and Reserve Champion of each breed will be selected if the judge so desires, and ONE Grand and Reserve Grand Overall of the Purebred and Crossbreeds champions/reserves.
5. All rabbits will be divided into classes by ages and judged according to their breed standard as listed in the ARBA “Standard of Perfection”.
6. Open to any American Rabbit Breeders Association recognized breeds and crossbreeds.
7. All rabbits must be owned and in the possession of the 4-H member by May 1 of the current year.
8. Crossbred rabbits will not be eligible for State Fair. They need to be entered in the Crossbred class and will be judged separately regardless of age or sex of rabbit.
9. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
10. No parents talking to judge until ribbon placing awarded.

Rabbits

3405 Junior Doe	Junior Doe (under six months of age)
3403 Intermediate Doe	Doe (six to eight months of age)
3401 Senior Doe	Senior Doe (eight months of age or older)
3404 Junior Buck	Junior Buck (under six months of age)
3402 Intermediate Buck	Buck (six to eight months of age)
3400 Senior Buck	Senior Buck (eight months of age or older)
3420 Meat Pen	Meat Class (three rabbits - all one recognized breed, including cross-bred, maximum weight five pounds and maximum age 70 day each)
3421 Crossbreed	Crossbreed Rabbit

Rabbits Showmanship

3461 Senior	Rabbits Showmanship (age 14 & up)
3462 Intermediate	Rabbits Showmanship (age 10-13)
3463 Junior	Rabbits Showmanship (age 7-9)

Division I – 4-H Sheep

SHEEP COMMITTEE

Sarah Goss*
Leah Howard

Sheri Howard
Lauren Brokes

Lane Howard

Special Rules:

Intent To Sell Cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 23, 2025, if you intend to sell an item in the auction.

1. See General Livestock Rules.
2. There is no minimum weight to show any livestock animal. Animal must weigh a minimum of **90** pounds final weight in order to sell. No white ribbon lambs will be sold at the auction.
3. Market lambs must be wethers or ewes. Ram lambs or cryptorchids cannot show.
4. Animals must be owned by club member and ear tagged by weigh-in or by submitting a tagging request to the Extension Office by the deadline.
5. Both registered purebred and crossbred females are eligible for the breeding classes.
6. Market lambs must be slick shorn with uniform wool length not to exceed .20 inch from knee and hock joints up at time of arrival. No artificial coloring will be allowed on the lamb except on the hooves.
7. Animals must be checked in and checked for club-lamb fungus before being allowed in the barn.
8. All sheep must have scrapies tag present before they may be exhibited at the fair.
9. An exhibitor is limited to a total of six entries (can be any combination of breeding ewes and market lambs.)
10. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
11. No parents talking to judge until ribbon placing awarded.

1029 Breeding Ewe Lamb

1030 Yearling Ewes

1031 Market Lamb

Weight classes are determined at weigh-in by division chair and committee.

Sheep Showmanship

Senior Sheep Showmanship (14 years and up)

Division I – 4-H Sheep

Intermediate Sheep Showmanship (10-13 years)

Junior Sheep Showmanship (7-9 years)

Shepherd's Lead Contest

Sarah Goss - Chair

The objectives of these classes are to present sheep in the most attractive manner, to improve the image of sheep and to give spectators an opportunity to view well-groomed sheep shown at halter by attractively dressed contestants wearing wool garments. Entrants may purchase or construct their own garments which should consist of at least 60% wool-exclusive of accessories. Judging will be based on the attractiveness and suitability of the garment to the contestant, the contestant's artistry, and appearance and the contestant's ability to control and present sheep at halter. The sheep may not be blanketed during the contest; only head or neck decorated.

1033C Senior (14 years and up)

1033B Intermediate (10-13 years)

1033A Junior (7-9 years)

1032 Sheep Rate of Gain Contest

The only requirement to participate in this contest is to have your market lamb officially weighed and ear tagged at official weigh-in date and exhibit him at the Ellsworth County 4-H Fair. **The final weight of the lamb will be the entry weight at the fair minus 2% shrinkage.** To be entered into the contest you must attend Small Animal Weigh-In.

Division J – 4-H Swine

SWINE COMMITTEE

Sharla Huseman*
Paxton Huseman

Tucker Goss

Hadley Huseman

Special Rules:

Intent To Sell Cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 23, 2025, if you intend to sell an item in the auction.

1. See General Livestock Rules.
2. There is no minimum weight to show any livestock animal. Animal must weigh a minimum of 190 pounds final weight in order to sell. Any swine receiving a white ribbon cannot be sold at the auction.
3. An exhibitor is limited to a total of six entries (can be any combination of market pigs or breeding pigs).

Division J – 4-H Swine

4. All pigs must be owned, in the possession of the exhibitor and tagged by weigh-in or by submitting a tagging request to the Extension Office by the deadline.
5. Sick hogs will be barred from the show. **All Swine Must Be Free Of External Parasites.**
6. All swine entries will be weighed the first day of the 4-H fair.
7. All swine exhibitors will be provided wood shavings for bedding in pens. Hosing of pens (for cleaning, watering, or washing) will NOT be permitted. All washing of animals must occur in designated wash areas. Automatic waterers and misters will NOT be permitted. Fans will be provided in the area. Manure is to be removed and disposed of in designated areas.
8. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.
9. No parents talking to judge until ribbon placing awarded.

Market Pigs

Weight classes are determined at weigh-in by division chair and committee.

1020 Market Pigs Market Pigs

Breeding Pigs

Gilts will be judged by Breed Characteristics. Crossbreeds in the Purebred Class will be down-graded by the judge.

1021 Spots	Spots
1022 Duroc	Duroc
1023 Poland China	Poland China
1024 Hampshire	Hampshire
1025 Berkshire	Berkshire
1026 Yorkshire	Yorkshire
1027 Crossbreed	Crossbreed
1028 Chester White	Chester White
1019 All Other Breeds	All Other Breeds

Swine Showmanship

Senior	Swine Showmanship (14 years and up)
Intermediate	Swine Showmanship (10-13 years)
Junior	Swine Showmanship (7-9 years)

4-H FAMILY & CONSUMER SCIENCES

4-H Silent Auction

****The Ellsworth County Fair Association (ECFA) manages the Silent Auction.**

Special Rules:

INTENT TO SELL CARDS MUST BE TURNED INTO THE FAIR OFFICE by 12:00 p.m., Wednesday, July 23, 2025, if you intend to sell an item in the Silent Auction.

1. 4-H Members may only sell ONE item/animal in either the Livestock Premium Auction OR the Silent Auction. No live animals to be sold in the Silent Auction.
2. Silent Auction is a terminal auction; the item sold will be given to the highest bidder.
3. Members may sell an item in the Silent Auction, regardless of ribbon placing.
4. A Silent Auction item may be comprised of a single item judged at the fair (e.g. a cake) or multiple items judged (e.g. cutting board and loaf of bread, both of which were judged at the fair). Food items must be made fresh (not the item judged), and horticulture items picked fresh.
5. Members will fill out the Silent Auction Intent to Sell Form which includes the name of the item, the placing received, the member's name, and the starting bid.
6. "Starting bid" will be the lowest amount the member would accept for the item. If the Starting Bid is not met, the item will ***not*** be sold and will be returned to the member, with no money given.
7. The physical item ***MUST*** be present in the Silent Auction Room by 12:00 p.m., Thursday, July 24, 2025.
8. Silent Auction will be open to bids between 11:00 a.m. and 6:00 p.m. on Thursday, July 24, 2025. At 6:00 p.m., bid sheets will be pulled and final winner determined.
9. Silent Auction item, member name, winning bidder, and price will be announced at the beginning of the Livestock Auction at 7:00 p.m.
10. Buyer will take possession of purchased item after paying.
11. The ECFA Sale Committee has final decision on all matters of the Silent Auction.
12. There will be a 2% commission taken on all items sold through the Silent Auction. This will be figured on sale amount.
13. No late entries will be accepted.
14. Thank You notes will be available at the Extension Office for sellers to pick up and provide to their purchasers. No buyer ribbons will be given for the Silent Auction.

Division K – 4-H Sewing & Textile Design

SEWING & TEXTILE DESIGN COMMITTEE

Tobina Norris*

Josey Norris

Special Rules:

Anyone wishing to sell Clothing Construction in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. A garment may be entered in both the Fashion Revue and Clothing Construction judging. These are two separate contests with two separate awards.
2. A Champion and Reserve Champion will be picked in each age category if deserving. Grand Champion and Reserve Grand Champion overall will be selected if deserving.
3. Exhibitors receiving purples will be limited to one clothing entry at the Kansas State Fair.
4. There is no limit to the number of entries a 4-H member can enter.
5. No parents talking to judge until ribbon placing awarded.
6. Pre-cut kits are acceptable for all clothing classes. All articles/garments must be finished for use.

*****DEFINITIONS:***

Garment – A garment can be a skirt, a vest, a blouse, a shirt, a pair of slacks or shorts, a dress, a jumper, a jumpsuit, etc.

Article – An item constructed in a clothing project such as a backpack, garment bag, cape, hat, scarf. Could be hand or machine sewn and could include appliqué or machine embroidery on items they have made.

Garment or Article

- | | | |
|-------------|---------------------|-------------------|
| 4000 | Junior | (7-9 years) |
| 4002 | Intermediate | (10-13 years) |
| 4004 | Senior | (14 years and up) |

Sewing Educational Exhibit

Posters examples: Machine maintenance, Different types of stitches, or Sewing related subjects.

- | | | |
|-------------|---------------------|-------------------|
| 4001 | Junior | (7-9 years) |
| 4003 | Intermediate | (10-13 years) |
| 4005 | Senior | (14 years and up) |

Division K – 4-H Sewing & Textile Design

Recycled Clothing Project (previously Decorate Your Duds)

Decorative arts include embroidery, appliqué, macramé, painting, etc.

- * Garment constructed with use of decorative art – such as vest of macramé.
- * Garment to which decorative art design has been applied – garment may be purchased and the garment is not evaluated. Creativity is a major consideration in judging.
- * Recycled garment or garment made from reworking previously constructed garment with the use of decorative art.
- * Clothing accessory constructed or decorated with use of decorative art (hats, bags, scarves, belts, etc.)
- * Tie – Dyeing.

4006 Recycled Clothing

Division L – 4-H Shopping in Style

SHOPPING IN STYLE COMMITTEE

Tobina Norris*

Josey Norris

Special Rules:

Anyone wishing to sell Clothing Construction in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Posters can be flat poster board or foam board, no larger than 22" x 28".
2. Tri-fold educational displays must be free standing and no larger than 36" x 48".
3. Photos of 4-H member in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles, good light and highlight details so that the judge may accurately evaluate the exhibit.
4. Exhibits should include actual photos of 4-H member in garments, and may also include pictures from magazines or the internet.

Classes

4010 – Shopping in Style: Junior (age 7-9) Choose one of the following activities from Unit 1 or Unit 2 of the curriculum project manuals. Exhibit should consist of poster that showcases:

- A. a garment you purchased that reflects your personal style and explains how this garment reflects your style and how it influences what others think of you; OR

Division L – 4-H Shopping in Style

- B. a garment you purchased and explains how your personal style either aligns or contradicts what is considered to be “in style” today. OR
- C. a garment you purchased and explains or illustrates how this garment is a modern version of a fad or fashion from an earlier decade; OR
- D. a garment you purchased and explains how this garment reflects a different ethnic or cultural influence; OR
- E. a garment you purchased and includes a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

4011 – Shopping in Style: Intermediate (age 10-13) – Choose one of the following activities from Unit 3 or Unit 4 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- A. an outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn’t wear anymore. Explains why the clothing item was not being worn and what you did to transform it into a wearable garment again. OR
- B. a top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity. OR
- C. an outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear; OR
- D. an outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs. Include your shopping budget and cost per wear. OR
- E. an outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include variety of shopping options and/or price tracking at stores over a period of time.

4012 – Shopping in Style: Senior (age 14-18) – Choose one of the following activities from Unit 5 or Unit 6 of the curriculum project manuals. Exhibit should consist of a display that showcases:

- A. an outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers; OR
- B. an outfit you purchased which you have repaired or altered. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments; OR
- C. an outfit you purchased along with plans and commentary for a fashion show that that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget, and logistical plan for the fashion show; OR

Division L – 4-H Shopping in Style

- D. an outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. Display should also include photos and list of your assembled clothing first aid kit. Include itemized expenses; OR
- E. an outfit you purchased, and feature any other completed activity from the Shopping In Style curriculum of your choosing that isn't listed above.

Division M – 4-H Fashion Revue

FASHION REVUE COMMITTEE

Tobina Norris*

Paula Gray

Josey Norris

Michelle Schwerdtfeger

Special Rules:

1. A Champion and Reserve Champion will be picked in each age category if deserving. An overall Grand Champion and Reserve Grand Champion in both boys and girls will be awarded if deserving.
2. A 4-H member must model garment in Public Fashion Revue to receive a ribbon. NO SUBSTITUTE MODELS. If any ribbon placing is forfeited, ribbons will not be awarded to lower placing.
3. A 4-H member may model two garments in Constructed Garment and two in Buymanship. Only one garment may be modeled in each of Recycled Clothing and Thrift Store. Total garments to be modeled will not be greater than FOUR.
4. READY-MADE GARMENTS FASHION REVUE
 - a. Garments must be purchased for the 4-H project, or made by another individual for the 4-H member if the fabric and pattern were chosen by the 4-H member. Everything which is commonly considered an outer garment must be purchased by the 4-H member or constructed by another person (vest, jacket, dress, skirt, pants, coat, etc.). A sweater, blouse, or shirt can be purchased or made.
 - b. In order to be eligible for the Thrift Store Classes, garments must have been purchased 'second-hand' with authentication from the store or individual in the form of a receipt or Clothing Cost Sheet.
5. CLOTHING CONSTRUCTION FASHION REVUE - Majority of the outfit must be constructed and modeled by the 4-H member who made the garment/outfit. Everything which is commonly considered an outer garment must be constructed (vest, jacket, dress, skirt, pants, coats, etc.) A sweater, blouse or shirt that is not worn as an outer garment can be purchased or made. Constructed garments to be modeled in the Fashion Revue must be exhibited at the Ellsworth County 4-H Fair as well as at the Fashion Revue in a class in Division K or Division M.

6. Buymanship and Thrift Store Garments will not be displayed at the fair.
Individual photos will be taken at the Fashion Revue and will be displayed at the fair with a copy of the Fashion Revue Narration sheet. The Overall Grand from each the boys' and girls' will be displayed.
7. AN EXPENSE SHEET AND A PICTURE WILL BE REQUIRED FOR EACH ENTRY. Thrift Store Expense Sheets need to include an itemized list of owned items, items purchased from a thrift store, name of thrift store, and receipts for purchases.
8. Entry forms and Narration Sheet are due July 1. Fashion Revue Cost Sheet and Picture come to Fashion Revue, day of event and are handed to the judge at consultation time.
9. No parents talking to judge until ribbon placing awarded.

Constructed Garments Revue

*6000 Junior	Junior
6000 Intermediate	Intermediate
6000 Senior	Senior

Boys Buymanship Revue

* 6020 Junior	Junior
6020 Intermediate	Intermediate
6020 Senior	Senior

Girls Buymanship Revue

*6010 Junior	Junior
6010 Intermediate	Intermediate
6010 Senior	Senior

Recycled Clothing and Thrift Store Garments Revue Boys & Girls

6030 Recycled Clothing
6040 Thrift Store

Division N – 4-H Fiber Arts

FIBER ARTS COMMITTEE

Tobina Norris*

Josey Norris

Special Rules:

Anyone wishing to sell Fiber Arts in the Silent Auction must return an Intent to Sell Card to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Identification Label:

Division N – 4-H Fiber Arts

- a. Type or print on 3” x 2 1/2” piece of cloth: Class number, club, and exhibitor’s name.
- b. Sew or safety-pin ID label on the corner of flat articles.
- c. For garments, attach ID label to the front shoulder seam, or left side of waistband, as if you were wearing the garment.
2. A member may have only one item in each exhibit option indicated below.
3. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.
4. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.
5. The exhibitor may attach an index card, no larger than 3” x 5”, with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know. Explain whether you created the fabric for a knitted article by hand or by a knitting machine. Explain if the exhibit contains any recycled materials or is made of at least 60% wool.
6. Exhibitors are expected to be enrolled in the Fiber Arts project of which they are entered. When the exhibit is a sewn garment that also includes one or more Heritage Fiber Art techniques (i.e. knitting, crochet, needle arts, or patch-work and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant.
7. All exhibits which need to be hanging MUST have the appropriate hanger, rod, wire, or other mechanism attached in order to be properly displayed.
8. For class 4114 Patchwork or Quilted article – it is acceptable practice for the exhibitor to create the patchwork or quilted article and have someone else quilt it.
9. No parents talking to judge until ribbon placing awarded.

Exhibit options are:

1. Crochet
2. Knitting, an article made either by hand or by knitting machine
(See #6 above)
3. Needle Arts, an article created by hand using any of the following techniques: a) embroidery and cross-stitch; b) needlepoint; c) candle wicking; d) crewel; e) lacework; and /or f) appliqué.
4. Patchworks, Quilting, Rug Making, Spinning, Weaving, Ethnic Arts, Macramé

Fiber Arts

4111 Crochet

4112 Knitting

4113 Needle Arts

4114 Patchwork or Quilted (See #8 above)

Division N – 4-H Fiber Arts

4115 Rug making
4116 Spinning
4117 Weaving
4118 Ethnic Arts
4119 Macrame'
4120 Fiber Arts Educational Notebook

Division O – 4-H Foods & Nutrition

FOODS & NUTRITION COMMITTEE

Stephanie Zamrzla*	Katie Kueser	Ashlyn Schwerdtfeger
Hallie Thielen	Lori Thielen	Michelle Schwerdtfeger
Kambri Kasper	Danielle Kasper	

Special Rules:

Anyone wishing to sell Foods in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

If food is to be sold at the auction, a fresh product must be baked to sell.

1. **RECIPES** are required for all food product exhibits. Recipes must be present at the time of judging. If recipe is NOT included, item will be docked one ribbon placing.
2. Each exhibitor may exhibit only one of each food item for a total of seven entries in each age division.
3. Remove baked products from pans and place on paper plate or covered cardboard cut to fit the size of the product. **PLACE BAKED PRODUCTS IN CLEAR PLASTIC BAGS WITH TWIST FASTENERS.** Five gallon bags may be obtained at the Extension Office.
4. For “serving size” items, exhibit seven cookies, seven muffins, seven rolls, etc. For cakes, loaves and pies, the entire product must be entered and uncut.
5. Commercial mixes are **NOT** to be used.
6. A sample of each exhibit will be left on display. All non-perishable products, except Champions, will be sold at the Food Sale unless member states otherwise at the time of entry.
7. Food will be sold on the day of judging. Decorated cakes will be judged and on display only. Money may be picked up from the Fair Extension Office the next afternoon. Perishable Food can stay in the refrigerator and come out for food sale.

Division O – 4-H Foods & Nutrition

8. Decorated cookies and cupcakes must be food items and decorated cakes can be a decorated box or Styrofoam. This is judged on appearance. Decorations are the focus. The judge does have the option of tasting cake and/or frosting. Recipes are optional.
9. A Champion and Reserve Champion will be picked from each level. Grand and Reserve Grand will be picked overall from the Champions.
10. Exhibits eligible for Kansas State Fair will be marked with a sticker.
11. All unfrosted cakes shall be exhibited in UPRIGHT position with top crust showing, except those cakes with special designs such as Bundt cakes which should be top crust down.
12. For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. **The calculation must be attached to entry, or the placing will be lowered one ribbon when judged.** Frosting and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are included in the [publication](https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf) located at: <https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>. A [worksheet](https://bookstore.ksre.ksu.edu/download/frostings-and-fillings-worksheet_4H1171) is available at: https://bookstore.ksre.ksu.edu/download/frostings-and-fillings-worksheet_4H1171 (*Contact the Extension Office for a hardcopy of these publications.*)
13. Exhibitors receiving purples may exhibit only one baked product and one educational display at the State Fair.
14. Perishable items are not exhibited at the State Fair.
15. Lined muffins are optional.
16. **NO ALCOHOL** should be included as an ingredient in foods entries. Entries with any kind of alcohol will be disqualified and not judged.
17. **Flop Food Product - NO PREMIUM & NOT ALLOWED IN FOOD SALE.** Flop food Product: A food product member had a problem with when preparing it for the fair. On a 3" x 5" card explain what went wrong and why and what you would do differently to prevent it from happening again. If time allows, prepare a good product and exhibit it as well.
18. No parents talking to judge until ribbon placing awarded.
19. Under baked entries will be lowered one or more ribbon placings.

Food & Nutrition

4300 Junior Non-Perishable (Age 7-9; not eligible for State Fair) –

Suggestions are:

Popcorn Snack (one cup – divide into seven condiment cups for judging)

Nutritious Snack (one serving)

Individual Creative Salad*

Nutrition Drink*

Seven Muffins

Seven Bar Cookies

Division O – 4-H Foods & Nutrition

Seven Creative Cookies
Seven Cupcakes – unfrosted
Seven Drop Cookies
Pocket Sandwich*
Gingerbread House

4301 Intermediate Non-Perishable (Age 10-13) – Suggestions are:

Decorated Cookies (3)
Decorated Cupcakes (3)
Seven Cupcakes – frosted
One Loaf Quick Bread
Creative Salad*
Pound Cake
Coffee Cake
One Layer Cake – unfrosted
Nutritious Dip
Gingerbread House
Strawberry Shortcake*
One Loaf Yeast Bread
One Loaf or Other Breakfast Bread (using yeast)
Gingerbread - **display or disposable pan**
Seven Cinnamon Rolls

4302 Senior Non-Perishable (Age 14 and older) – Suggestions are:

Recipe Using Squash
Chiffon Cake – without icing
Recipe Modification – Baked food made from original recipe with improved nutritional value. **Include both recipes before and after changes.**
Two Layer Cake – frosted
Angel Food Cake – without icing – upright position – top showing
Sponge Cake – without icing – upright position – top showing
Artisan Bread
International Flat Bread
One Loaf Yeast Bread – white
One Loaf Whole Wheat or Multi-Grain Yeast Bread
Seven Yeast Dinner Rolls
Specialty Bread – example seven pretzels, seven bread sticks, fruit bread or tea ring
Pastry Recipe – fruit pie with pastry crust (include crust & filling recipe)
Decorated Food Item – judged on decoration only but must be a real food product.
Decorated Cookies (3)
Decorated Cupcakes (3)

Division O – 4-H Foods & Nutrition

- 4308 Junior Perishable** (Age 7-9 years)
4309 Intermediate Perishable (Age 10-13 years)
4310 Senior Perishable (Age 14 year and older)
4301 Junior Educational Exhibit (Age 7-9 years)
4303 Intermediate Educational Exhibit (Age 10-13 years)
4305 Senior Educational Exhibit (Age 14 years and up)

4306 Food Gift Package – must contain at least three different items, prepared by the 4-H member, in a suitable container no larger than 18” x 18”.

Prepared food items must have recipes attached with the entry.

Additional homemade food items beyond the three minimum or purchased items may also be included in the gift basket. No alcoholic beverages, fireworks, knives or items not intended for human consumption. Items intended for container or presentation will be allowed. On a recipe card, answer these questions:

1. What is the intended use?
2. What food safety precautions were taken during and after preparation?
3. What is the total cost?

Division P – 4-H Food Preservation

FOOD PRESERVATION COMMITTEE

Stephanie Zamrzla*
Lakyn Beckman

Paula Gray

Sage Gray

Special Rules:

Anyone wishing to sell Food Preservation in the Silent Auction must return an Intent to Sell Card to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Exhibits must have been preserved since the member's previous year's county fair, and not been exhibited at the previous State Fair.
2. Recipes and processing methods from the sources below are recommended. Recipes must be from current, tested resources listed below AND MUST BE ADJUSTED FOR ALTITUDE based on your processing location, or it will be disqualified. Processing methods that will be disqualified include: open kettle-canning, oven canning, sun canning, and using electric multi-cookers. If using the Presto Precise® Digital Pressure Canner, please indicate the appliance is used for either water bath or pressure canning. Untested recipes will be disqualified for food safety reasons. Tested recipe sources include:

Division P – 4-H Food Preservation

- K-State Research and Extension Food Preservation publications
 - Other University Extension Food Preservation publications
 - USDA Complete Guide to Home Canning, @2015
 - So Easy to Preserve, 6th edition, The University of Georgia Cooperative Extension Service
 - Ball® Blue Book Guide to Preserving, Edition 38
 - Ball® Complete Book of Home Preserving, @2015 and @2024
 - Canning mixes (i.e. Mrs. Wage's, Ball®)
 - Pectin manufacturers (i.e. SureJell, Ball®)
 - [KSRE Rapid Response Center Recipes](#)
 - [National Center for Home Food Preservation](#)
 - [Ball™ and Kerr](#)
3. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol will be disqualified and not be judged.
 4. There are no safe recommendations to can white peaches or elderberries.
 5. Each member may enter up to six exhibits in this division. **Recipe must be included with each entry.**
 6. 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 food was processed. If using Mrs. Wage's or Ball® mixes, indicate the date the mix was purchased.
 7. Exhibits must be processed in clean, clear standard canning jars, with matching brand (ex: use Ball® lids on Ball® jars, or Kerr lids on Kerr jars, etc.) two-piece lids. Do not use colored jars, fancy padded lids, fabric over wraps, or cozies as they interfere with the judging process. No fancy packs unless recipe states to do so (ex: Pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe (ex: Salsa is canned in pint jars only, no quarts). Note: There are 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
 8. Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: class number, 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.
 9. 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

Division P – 4-H Food Preservation

exhibit. Dried products must include the recipe, preparation steps, and heating instructions.

10. All meat jerky must be heated to an internal temperature of 160 degrees Fahrenheit before or after drying. This is not the drying temperature! Jerky not heated to an internal temperature of 160 degrees Fahrenheit will be disqualified and not be judged. Heating information can be found in “[Dry Meat Safely at Home](#)” publication. (*Contact the Extension Office for a hardcopy of this publication.*)
11. No parents talking to judge until ribbon placing awarded.

Food Preservation

4350 Sweet Spreads (one jar)

4351 Fruits, juices, fruit mixtures (one jar)

4352 Low acid vegetables (one jar)

4353 Pickles, fermented foods, relishes, and chutney (one jar)

4354 Tomato/tomato products, tomato juice, tomato salsa (one jar)

4355 Meats (one jar)

4356 Dried Foods

Division Q – 4-H Interior Design & Architecture

INTERIOR DESIGN & ARCHITECTURE COMMITTEE

Sheri Howard*

Josey Norris

Leah Howard

Special Rules:

Anyone wishing to sell Interior Design & Architecture in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

Architecture and Design is an important aspect of creating work and living environments that feel good and serve a purpose to those who utilize them.

Designing the feel, look or mood of a room with lighting, furniture, wall placement, and design elements are all examples of ways to incorporate the design process into your environment. Learning and experimenting with the elements of design – color, line, value, space, shape, form, and texture is important. Of equal importance is knowing how to work with the principles of design – proportion, scale, balance, rhythm, unity, and variety. Being a designer (architect, industrial/product designer, interior architect, or interior designer) starts with having an end goal in mind and using each step of the planning process to support the end goal. Good designers understand how design makes a

Division Q – 4-H Interior Design & Architecture

space look good and the components needed to put it together. The overarching goal is to create a space that is structurally sound, safe, inclusive, functional, and inviting to all.

1. An entry card must be attached to the exhibit with material appropriate to the exhibit: safety pins, tape, string, etc.
2. Projects with missing or insufficient summary will be lowered one ribbon placing.
3. A member may enter only one class in this division.
4. No parents talking to judge until ribbon placing is awarded.

Classes:

Interior Design Focus:

Interior Designers have a capacity to influence the way we feel when we inhabit a space. In some instances, this impact can be felt emotionally and physically, in other words, it can affect our mood. Tools such as color, light, texture, and pattern can all be used to convey or stimulate such a response to a space.

4020. Room Design Board. Select one room within your home or imaginary/future home (bedroom, bathroom, kitchen, etc.) to design.

- Create a basic floor plan showing wall footprint including any furniture, fixture and/or cabinet layout. Include any other illustrations, drawings or photographs to help support your design. Also include material/finish samples (wall treatments, floor covering, paint samples, etc.) Label any drawings or finishes so the audience understands their intention. All finishes should be attached to the design board.
- Boards must be on foam core or a standard tri-fold display.

4021. Two Collages on Design Board. In this project, develop two imaginary interior rooms. Each room should start out with identical dimensions and features (doors, windows, etc.) The function of the room can be up to you (bedroom, coffee shop, art studio, etc.) but should be the same for both rooms. For each space, create a feeling or mood for the occupants of the space. The mood created for one space should be the opposite or contrast to the second space. Choose a pair of contrasting words from the [list](#) provided to get started. (*Contact the Extension Office for a hardcopy of this list.*)

- Each collage must be on its own page. Page size preference and maximum is 11" x 17"; can use smaller dimensions if needed. Collages should convey a space that includes a background, midground, and foreground. Once these are established, add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures and other elements to complete each collage. (Don't worry too much about the functionality of the

Division Q – 4-H Interior Design & Architecture

space but focus on materials and colors to create the mood of the space.)

- For each collage, write a brief description of your design intent. (one to three paragraphs total). Additionally, you may include research, inspiration imagery, or any additional drawings that helped you design your space.
- Adhere both collages and design intent on a foamcore presentation board. Label each collage with the descriptive words you selected from the [list](#).
- Foamcore presentation board should be cut to size to fit all collages, images, and written material so it's easily viewed without being oversized.
- Workmanship, design layout, neatness, and design strategy should be taken into consideration when completing your presentation board.

4022. Two Diorama Models. Similar to class 4021, 4-H Members will construct two dioramas, one for each space demonstrating contrasting moods. Each diorama will be designed within similar sized boxes. Boxes should be large enough to be easily viewed but no larger than 12" x 18". Both rooms being depicted need to be the same size. Manipulation to the box is allowed (cutting open such as windows, etc.)

- Dioramas should convey a space which includes a background, midground, and foreground. Once you have these established, you can add as many layers as needed. Use print materials from magazines, colored paper, the internet, or other design materials to find furniture, lighting fixtures, textures, and other elements to complete each room or diorama. Elements will need to be cut out and adhered to each background, midground, and foreground to reflect the design of the room.
- Focus on selecting materials and colors to create the mood or essence of the space. Use openings in your container to experiment with the effect of light in your space.
- Dioramas should not contain purchased toy figures, miniature furniture/cabinets or moveable parts, but may include securely adhered 3-dimensional elements of the the project member's own making. Elements should be adhered to materials easily found at home. For example: magazine photos, cardstock, plastic, cardboard, chipboard or other material to depict design finishes/elements within the diorama.
- Workmanship, design layout, neatness, and design strategy should be taken into consideration when completing your enclosure.

Division Q – 4-H Interior Design & Architecture

Architecture Focus:

Architects plan, design, and oversee the construction of buildings and other structures beginning with concept development to the final construction phase of projects. It's also important that they ensure the final product is safe and functional. Architects balance artistic creativity with sound building techniques while also considering how the built environment impacts people's emotions and lifestyle.

4023. Marble Maze or Enclosure. Create a space in which a marble will move through a sequence of rooms, enclosures, or spaces. Use different types of elements and materials to enclose your spaces or guide the marble. Consider the size of the marble and how you want the space to feel – big and open or small and enclosed. Pay close attention to the sizes of architectural elements relative to the size of the marble.

- To begin, identify a clear goal for the marble maze or enclosure. Use the [glossary](#) in the pilot project materials for design vocabulary to help support the goal. (*Contact the Extension Office for a hardcopy of this list.*)
- To construct the marble maze or enclosure, use household materials found around the home to create the structure. (cardboard, chipboard, construction paper, paper towel or toilet paper tubes, etc.).
- There is no minimum size requirements for this project. The base of the structure should be no larger than 18" x 24" (poster board size) and 12" in height.
- In addition to your enclosure/maze, you may also present a small design board with illustrations/drawings to help the audience understand the path of travel for the marble, or the rules for which you designed.
- Presentation board can be made from foam core or a small tri-fold display. Adhere illustrations, photos or drawings to the board with any other information useful to the viewer including design intent and goals you set for the marble maze/enclosure.
- Write or type a brief description of your design intent (1-3 paragraphs total) to be included on the design board.
- Workmanship, design layout, neatness, and design strategy should be taken into consideration when completing your enclosure.

4024. Marble Maze Presentation Board Only. Presentation board should be foamcore with below items attached:

- Include drawings of your marble enclosure/maze design; (examples include floor plan, section, elevations, etc.)
- In addition to your base drawings, include any illustrations/drawings to help your audience understand the path of

Division Q – 4-H Interior Design & Architecture

travel for the marble. You may also include quality photographs that show the sequence of the marble moving through the built design. Images may be annotated, meaning you can use notes to explain your thoughts/design intent, on the board. This sequence of photos should visually tell the story of your design.

- Write or type a brief description of your design intent (1-3 paragraphs in total) to be included on the presentation board.
- Workmanship, design layout, neatness, and design strategy should be taken into consideration when completing your enclosure.

4-H AGRICULTURE /PLANT SCIENCE

Division R – 4-H Plant Science

PLANT SCIENCE COMMITTEE

Ardis Hoffman*

Kristin Haase

Laura Barta

Special Rules:

Anyone wishing to sell Plant Science in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. 4-H members may enter a maximum of eight (8) entries in this department. More than one (1) entry per class is allowed, with each entry a different fruit, vegetable, flower, or herb. Only one (1) entry per Garden Display/Collective Garden Exhibit and Horticulture Notebook will be allowed. All materials must be grown or collected by 4-H members.
2. Vegetables may be washed if they need it.
3. No frozen vegetables may be exhibited — only fresh. Any rotted produce will be removed from display early.
4. No parents talking to judge until ribbon placing awarded.

Horticulture & Landscape Design

2500 Garden Display Collective Garden Exhibits

Exhibit consists of five (5) different fresh vegetables.

Canned vegetables are not acceptable. Only one (1) variety of each type of vegetable may be exhibited. All must have been grown by exhibitor. Quality and condition of the vegetables will be considered.

The number of vegetables to be exhibited are as follows:

Division R – 4-H Plant Science

Large Vegetable = One Each or Five Total

Medium Vegetable = Five Each or 25 Total

Small Vegetable = 12 Each or 60 Total

INDIVIDUAL ENTRIES – *Special Rules:*

1. Vegetables may be washed if they need it.
2. Entry tag must be attached to each exhibit.
3. No frozen vegetables may be exhibited—only fresh. Any rotten produce will be removed from display early.
4. Superintendents will divide each class by age at entry time.
5. See extension pamphlet on “[Exhibiting Fruits & Vegetables](https://bookstore.ksre.ksu.edu/pubs/exhibiting-fruits-and-vegetables_C405.pdf)”.
https://bookstore.ksre.ksu.edu/pubs/exhibiting-fruits-and-vegetables_C405.pdf (Contact the Extension Office for a hardcopy of this publication.)

Individual Entries

2501 Small Veg Specimen Plate Small Vegetable (plate of 12)

Example: green snap beans, yellow wax beans, and other small vegetables

2502 Med Veg Specimen Plate Medium Vegetable (plate of five)

Example: cucumbers, cherry tomatoes, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, other medium vegetables, and zucchini less than 8”

2503 Large Veg Specimen Plate Large Vegetable (plate of one)

Example: watermelon, summer squash, winter squash, pumpkin, eggplant, cabbage, cantaloupe, other large vegetables, and zucchini 8” or larger

2504 Herbs Fresh Culinary Herbs six stems of ONE VARIETY of fresh herbs exhibited in a disposable container of water. Dried herbs not accepted. Examples include parsley, basil, dill, etc.

2505 Small Fruits (One half pint box): strawberries, blackberries, raspberries, or other similar sized fruits.

2506 Tree Fruits (5 each): apples, pears, peaches, or similar sized fruits.

2507 Grapes (plate of 2 bunches)

FLORICULTURE

Special Rules:

1. **Class Floral Arrangement** must be accompanied with a written explanation of project work (may include story, landscape plan, picture, etc.)
2. May have three entries of different kinds in classes.

Division R – 4-H Plant Science

3. See extension pamphlet on “[Preparing Cut Flowers for Exhibits](https://bookstore.ksre.ksu.edu/pubs/preparing-cut-flowers-for-exhibit_4H826.pdf)” https://bookstore.ksre.ksu.edu/pubs/preparing-cut-flowers-for-exhibit_4H826.pdf (Contact the Extension Office for a hardcopy of this publication.)
4. Members are encouraged to exhibit cut flowers and fresh floral arrangements in disposable containers. If a non-disposable container is used mark it plainly with your name and county/district. The Fair Association and Extension Office are not responsible for the loss or damage to any flower arrangements, vases or containers.
5. All floral materials must be grown and/or collected by the exhibitors. Do not use purchased plant materials. Entries should not take over one square foot of table space.
6. Potted plants are not accepted.
7. All entries must be freestanding, easily moved, and not require any special equipment to display. Hanging entries are not accepted.

Floriculture

5600 Annual Garden Flower Any annual flower; single stalk in a pop bottle.

5601 Perennial Garden Flower Any perennial flower; single stalk in a pop bottle.

5602 Floral Arrangement Fresh flower arrangement.

5603 Dried Floral Arrangement

5604 Horticulture Notebook

AGRONOMY – (See 4-H Crops in FairEntry) *Special Rules:*

1. All crop varieties must be named.
2. Products exhibited must have been grown during the current club year.
3. Please give test weight on field grains.
4. Hybrid must be named.
5. Hay samples should be approximately 15” x 12” x 6”. Maximum thickness of 6’ and minimum of 5’. Hay samples should be tied with a “T”. Wrap the twine horizontally around the hay and tie, then wrap vertically and tie.

Field Crops

Sorghum – Ten Head Exhibit

2402 Sorghum Hybrid Grain Sorghum – Ten Head Exhibit. Hybrid must be named.

2403 Sorghum Hybrid Forage Sorghum – Exhibit to consist of the entire plant; no roots. Hybrid must be named. 5” bundle, tied.

2404 Sorghum Other Forage Sorghum – Exhibit to consist of the entire plant; no roots. Variety must be named. 5” bundle, tied.

Division R – 4-H Plant Science

Corn - Exhibit

- 2400 Corn** White. Variety or hybrid must be named; 10 head sample
- 2401 Corn** Yellow. Variety or hybrid must be named; 10 head sample
- 2425 Corn** Corn – one gallon jar

Wheat - One Gallon Sample

- 2405 Wheat** Soft red winter wheat; variety or hybrid must be named.
- 2406 Wheat** Hard red winter wheat; variety or hybrid must be named.
- 2407 Wheat** Hard white wheat; variety or hybrid must be named.

Sunflower

- 2408 Sunflower** Confectionary Heads – 3 heads must be submitted.
- 2409 Sunflower** Confectionary seeds in jar – 1-gallon jar must be submitted.
- 2410 Sunflowers** Oil Seed Heads – 3 heads must be submitted.
- 2411 Sunflowers** Oil seeds in jar – 1-gallon jar must be submitted.

Soybean

- 2412 Soybeans:** Exhibit to consist of one-gallon sample of seed from most recent harvest. Variety must be named.
- 2413 Soybeans:** Bundle of five plants from most recent harvest. Variety must be named.

Other

- 2414 Barley:** Exhibit to consist of one-gallon sample. Variety must be named.
- 2415 Brome Grass Seed:** Exhibit to consist of one-gallon sample of seed.
- 2416 Other Tame Grass Seed:** Exhibit to consist of one-gallon sample of seed.
- 2417 Edible field beans:** Exhibit to consist of one-gallon sample of seed from most recent harvest.
- 2418 Edible field beans:** Bundle of five plants (with roots intact) from most recent harvest. (Example – Lentils)
- 2419 Miscellaneous Crops:** Exhibit to consist of one-gallon sample of seed or 10 heads produced from current project. Variety must be named. (Ex – Popcorn).
- 2420 Cotton:** Provide 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold does not develop.

Hay Crop Classes

- 2421 Alfalfa Hay:** Exhibit to consist of one flake or slice from a rectangular bale, or a 10-inch section cut from a round bale. The flake or slice should be approximately 6 inches in thickness and tied in two directions. Variety must be named.
- 2422 Native Grass Hay:** Ten-inch flake or slice, 6 inches thick and tied in two directions.

Division R – 4-H Plant Science

2423 Cool Season Grass Hay (e.g., fescue, brome, etc.): Ten-inch flake or slice, 6 inches thick and tied in two directions. Variety must be named.

Wheat Variety Plot Display

2430 Wheat Variety Plot Display

The free-standing displays must not exceed the overall dimensions of 36'' high x 18'' deep (measured on the outside). Care should be taken to select durable materials that will withstand fair conditions. Displays must not require the use of electricity.

The basis for Awards:

- **Educational Value 70%**

Is the main ideas of the display specific? Was the title or theme emphasized? Is the idea presented so clearly, so simply, so forcefully, that will stop the casual observer? If the passerby stopped, did the display give the observer additional facts in a clear, concise way? For example, varietal differences in wheat, economic gains from adoption of desirable practices, etc.

- **Quality of Display material 30%**

Size, style and 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.

4-H MISCELLANEOUS

Division S – 4-H Aerospace/Rocketry

AEROSPACE/ROCKETRY COMMITTEE

Chuck Norris*

Caleb Hays

Cyrus Grothusen

Trent Norris

AEROSPACE/ROCKETRY – Special Rules:

Anyone wishing to sell Rockets in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. All kit and original rockets must conform to the [State Fair Requirement](#). Please see the Extension Office for State Fair Guidelines.
2. Each exhibitor may enter up to two rocket exhibits that have been constructed during the current year. If two rockets are entered, one rocket must be a “model rocket kit”, the second may be entered into

Division S – 4-H Aerospace/Rocketry

- a. any other applicable class. An exhibitor may not enter two rockets in the same class.
3. 4-H'ers are to complete and sign the [rocketry information form](http://rocketry.engtech4ks.com/), available from <http://rocketry.engtech4ks.com/> or at the Extension Office and attach it to a 10" x 13" manila envelope. The envelope should contain:
 - a. Instructions on how to construct the rocket
 - b. Up to five pages of pictures. Pictures are to be attached to sheets of paper, from both construction and launch
 - c. Documentation of any flight damage that occurred
 - d. Any modifications made to the rocket except for paint scheme and decals.
 - e. An additional page for altitude calculations if the space on the form is not enough.
 - f. Additionally, for original design rockets, also known as "scratch built" rockets:
 - i. Five additional pages of photos are allowed
 - ii. Documentation of how the rocket was tested for stability.
4. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's rocket, at the judges' discretion, will receive a participation ribbon.
5. Rockets are to be displayed upright on a display stand with a sturdy rod that does not extend past the top of the rocket, or stand unassisted, unless the rocket is taller than four feet in which case no display stand is required and the rocket may be displayed on its side, rockets are not to be displayed on launch pads to save space and prevent someone from being poked in the eye.
6. Rockets ARE NOT to be displayed with used or unused rocket engines either in the rocket or as part of the stand, if rocket engines are included in the exhibit the judge may disqualify the exhibit.
7. Rockets should be flown unless there is an active burn ban in the county or conditions are too dangerous to safely launch the rocket. Just flying the last stage (the part with the nose cone) of a multi-stage rocket is acceptable.
8. Rockets, except those in the Junior division, are not to be "beginner kits" or use prefabricated (molded plastic) fin assemblies, or pre-finished rockets requiring no painting. These are only acceptable in the Junior division at the county fair. Rockets of this type outside the Junior division should be disqualified. Rockets entered in the Junior division may not go on to the Kansas State Fair.
9. Angles of fins must fall within a plus or minus 2-degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from <http://rocketry.engtech4ks.com/> or at the Extension Office.
10. Fins and body tubes, except those in the introductory division, are to be

Division S – 4-H Aerospace/Rocketry

- a. filled and sealed with putty, sanding sealer, and/or primer or other suitable filler to eliminate the appearance of body grooves and wood grain.
11. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
12. Engine mounts are to be securely attached to the body tube.
13. Any seams on plastic parts are to be sanded smooth.
14. The recovery system (typically a parachute or streamer) should be attached according to the instructions.
15. The nose cone is to fit snugly but still allow for easy removal.
16. Exhibits must be uniformly painted and smoothly finished without “runs,” “orange peel,” or “alligator skin” or finished as per rocket instructions (for example, no painting required), and decals, if used, are applied smoothly.
17. Models may not be judged based on their paint scheme (colors and placement on the rocket), except for rockets that fit the definition of a “scale model” and are entered in the scale model class. All other rockets do not have to follow the suggested paint scheme, allowing the 4-H’er to display maximum creativity in the finishing of their rocket. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the non-scale model from one ribbon placing to another.
18. “Scale models” entered in the scale model class may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.
19. “Scale Models” displayed in the scale model class are to be finished and completed with a majority (greater than 70%) of decals. For all other rockets the use of decals is optional.
20. The following rules (21-32) apply to advanced exhibits.
21. Original design rockets cannot be a modification of a pre-existing kit and must be of original design.
22. Original design rockets must be designed by the exhibitor(s).
23. Exhibitor(s) must be 11 years of age (4-H age) or older to enter an original design rocket.
24. Original design rockets 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.
25. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are strongly encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.
26. Rockets that use more than one ‘D’ engine or equivalent are consider mid-

Division S – 4-H Aerospace/Rocketry

or high-power rockets in 4-H.

27. Mid- and High-Power exhibitors must be at least 14 years of age by January 1 of the current year.
28. In addition to the information packet completed for all rockets, a high-power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://rocketry.engtech4ks.com/>.
29. Exhibitors in the mid- and high-power divisions must hold memberships in either NAR or Tripoli organizations.
30. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such, all mid- and high-power rocketry exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1 of the current 4-H year.
31. All rockets in the mid- and high-power divisions are to be launched under adult supervision by the 4-H member who constructed the rocket.
32. For rockets launched using an engine(s) that have 160.1 ('H' engine or equivalent amount of smaller engines) Newton's-seconds or larger, adult supervision must be provided by an individual having at least a Level 1 High Power Certification. The 4-H member should also hold or be attempting to attain their Level 1 High Power Certification if launching on this large of an engine.
33. No parents talking to judge until ribbon placing awarded.

AEROSPACE/ROCKETRY

Ages 7 – 8 years (NOT KSF eligible)

- *5410 - Rocket made from kit, without pre-assembled fin units. Include plans.
- *5411 - Rocket made from "beginners kit." Include plans. Rockets in this class may have pre-assembled fin units (plastic). (This class is for first and second year 4-H members to explore the rocketry project).
- *5412- Scale Model Rocket made from kit, include plans.

Ages 9 – 13 years

- 5413 - Rocket made from kit. Include plans.
- 5414 - Scale Model Rocket made from kit. Include plans.

Ages 11 – 13 years (*9 and 10 year olds may not enter this class*)

- 5415 - Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.
- 5416 - Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

Division S – 4-H Aerospace/Rocketry

Ages 14 years and older

5417 - Rocket made from kit. Include plans.

5418 - Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.

5419 - Scale Model Rocket made from kit. Include plans.

5420 - Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

5421 – Mid- or high-power rocket made from kit or original design.

Ages 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.

5421 - Rocket designed by two or more exhibitors: not merely a modification of an existing kit. Include original plans.

Division T – 4-H Ag Mechanics Welding

AG MECHANICS WELDING COMMITTEE

Trent Nienke*

Kara Quilter

Lane Howard

Paxton Huseman

AG MECHANICS WELDING Special Rules:

Anyone wishing to sell Ag Mechanics in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. 4-H members must be currently enrolled in the Kansas 4-H – Ag Mechanics Welding project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibits must have been constructed or repaired during the current 4-H year.
3. Wheeled exhibits must utilize a braking mechanism which prevents the exhibit from freely rolling while on display.
4. Exhibitors are responsible for providing sufficient braking or “chocks” for trailer exhibits to ensure that the exhibits do not move once positioned. If using a wheel “chocking” mechanism, the two individual blocks should be connected together as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.
5. For exhibits with downward swinging parts, such as tailgates, that could pose a fall/striking/crushing hazard should have a tamper resistant locking mechanism such as a “zip-tie” or a “cotter-key” through a release pin that

Division T – 4-H Ag Mechanics Welding

would prevent the swinging part from being accidentally released and falling on someone.

6. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total dimensions and weight of the exhibit as described previously. Exhibit display boards should have a portable and moveable base and examples should be firmly affixed to the board to ensure all parts of the display stay together. No exhibits may be staked to the ground for display.
7. Top heavy items should be braced or placed in a stand sufficient to prevent it from toppling over while on display
8. Exhibits may not be bound, affixed, attached to the buildings, except by the superintendent or extension staff.
9. Painting or spot painting is not allowed on projects after arrival on fairgrounds. If wet paint is detected by judges or superintendents one ribbon placing will be deducted.
10. Repair projects having adequate original finish need not be repainted.
11. Cutting surfaces, such as blades or knives, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. Foam “pool noodles” and multiple layers of cardboard are acceptable.
12. Display cases for small exhibits are acceptable and must be easily opened so the item can be removed and examined as part of judging.
13. Exhibits that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical that is intended to be used to inflict damage and/or harm to individuals, animal life, and/or property.
14. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and lines should be drained and allowed to dry, to avoid spills and potential fires
15. Electric powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch.
16. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor’s exhibit, at the judges’ discretion, will receive a deduction in ribbon placement or a participation ribbon.
17. The exhibitor’s name(s) and county/district must be tagged or labeled in a prominent location on the display.
18. Each exhibit must include an Ag Mechanics Welding information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
19. Each exhibitor is required to complete the “4-H Ag Mechanics Welding Exhibit Information Form” for each exhibit. It is available through the Extension Office or at <http://welding.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the

Division T – 4-H Ag Mechanics Welding

envelope to the exhibit. All revisions of all forms previously released for the division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.

20. Each exhibit information packet should include the following items:
 - a. Bill of materials for the project with associated costs, scrap items used may be listed as having a \$0.00 cost
 - b. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state
 - c. If appropriate schematics or working drawings relating to the creation or repair
 - d. If appropriate operating instructions
21. No parents talking to judge until ribbon placing awarded.

AG MECHANICS WELDING

Junior – (7 - 9 years old)

- 5550** – Ag Mechanics Welding Display Board – a 3' x 3' display board with different pieces of metal attached illustrating different types of welds, each weld being labeled
- 5551** – Ag Mechanics Welding Level 1 Welding Ag Repair – repair of ag equipment with welding
- 5552** – Ag Mechanics Welding Level 1 Welding Ag Fabrication – creation of new ag equipment with welding
- 5553** – Ag Mechanics Welding Level 1 Welding General Repair – repair of non-ag equipment with welding
- 5554** – Ag Mechanics Welding Level 1 Welding General Fabrication – creation of non-ag equipment with welding
- 5555** – Ag Mechanics Welding Level 1 Welding Artistic Fabrication – creation of artistic or interpretive pieces with welding
- 5556** – Ag Mechanics Welding Level 1 Brazing Repair
- 5557** – Ag Mechanics Welding Level 1 Brazing Fabrication
- 5558** – Ag Mechanics Welding Smithing Display Board – a 3' x 3' display board with different pieces of forged metal attached illustrating different forms, each form being labeled
- 5559** – Ag Mechanics Welding Level 1 Smithing – a design forged with at least one formed element (twists or spirals for example)

Intermediate – (10 – 13 years old)

- 5560** – Ag Mechanics Welding Level 2 Welding Ag Repair – repair of ag equipment with welding
- 5561** – Ag Mechanics Welding Level 2 Welding Ag Fabrication – creation of new ag equipment with welding

Division T – 4-H Ag Mechanics Welding

- 5562** – Ag Mechanics Welding Level 2 Welding General Repair – repair of non-ag equipment with welding
- 5563** – Ag Mechanics Welding Level 2 Welding General Fabrication – creation of non-ag equipment with welding
- 5564** – Ag Mechanics Welding Level 2 Welding Artistic Fabrication – creation of artistic or interpretive pieces with welding
- 5565** – Ag Mechanics Welding Level 2 Brazing Repair
- 5566** – Ag Mechanics Welding Level 2 Brazing Fabrication
- 5567** – Ag Mechanics Welding Level 2 Smithing – a design forged with at least two different formed elements (twists and spirals for example)

Senior – (14 and older)

- 5570** – Ag Mechanics Welding Level 3 Welding Ag Repair – repair of ag equipment with welding
- 5571** – Ag Mechanics Welding Level 3 Welding Ag Fabrication – creation of new ag equipment with welding
- 5572** – Ag Mechanics Welding Level 3 Welding General Repair – repair of non-ag equipment with welding
- 5573** – Ag Mechanics Welding Level 3 Welding General Fabrication – creation of non-ag equipment with welding
- 5574** – Ag Mechanics Welding Level 3 Welding Artistic Fabrication – creation of artistic or interpretive pieces with welding
- 5575** – Ag Mechanics Welding Level 3 Brazing Repair
- 5576** – Ag Mechanics Welding Level 3 Brazing Fabrication
- 5577** – Ag Mechanics Welding Level 3 Smithing – a design forged with at least three different formed elements (twists, spirals, and bulbs for example)

Division U – 4-H Building Block Engineering

BUILDING BLOCK ENGINEERING COMMITTEE

Chuck Norris*
Trent Norris

Caleb Hays

Cyrus Grothusen

BUILDING BLOCK ENGINEERING (LEGOS) Special Rules:

Anyone wishing to sell Building Block Engineering in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page. 35).

1. 4-H members must be currently enrolled in the Kansas 4-H – Building Block Engineering project to exhibit in this division.
2. Each exhibitor may enter one exhibit. Exhibits must have been constructed

Division U – 4-H Building Block Engineering

during the current 4-H year.

3. The minimum exhibit dimensions must be at least 6” wide and deep. Total exhibit dimensions may not exceed 2’ high x 2’ wide x 2’ deep.
4. All exhibits are required to be placed in a sturdy see through enclosure with a top, bottom, and 4 sides. A clear tub turned upside down with the exhibit placed on the lid would be an acceptable enclosure. It may be desirable to place a cutting board or other hard surface between the lid and base plate of the exhibit to make it sturdier. This is to keep exhibit components from being “scattered to parts unknown” at the fair.
5. The outer dimensions of the enclosure do not count towards the total exhibit dimensions but should not be excessive. The entire exhibit should fit in the display enclosure so the enclosure does not smash into the exhibit during movement.
6. All components used in construction should be dust and hair free, clean, free of chips, scuffs, cracks, or broken blocks.
7. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®.
8. Other architectural components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks
9. The use of existing “store bought” sets for major architectural elements of the display is not allowed, use of figurines from sets is allowed as is using individual bricks or small sub-assemblies to create something different than the architectural component of the set it came from. For example a car hood or front end from a car kit could be used in a “car museum,” just not the entire car. The intent of this is to ensure fairness among exhibitors and encourage maximum creativity instead of just following a set of plans.
10. Dioramas should be suitably complex and have multiple elements. For example a camp site that has a log cabin, a tree fort, and a car.
11. All dioramas should have a story, which is part of the information pack, that describes what is happening in the diorama; this can be as simple (the nursery rhyme “Jack and Jill” for example) or complex as needed to explain to someone looking at the exhibit what is happening.
12. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake.
13. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method.
14. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. For example, merry-go-rounds, doors, elevators, gears, marbles going down a channel, flapping wings, animatronics, etc. If included, judges should be able to use them, and instructions should be provided for operation.
15. Artistic designs, for example recreating paintings like the “Mona Lisa” or

Division U – 4-H Building Block Engineering

“Starry Night” and sculptures like “David,” are not permitted as exhibits and one ribbon placing should be deducted, these exhibits should be displayed in Visual Arts.

16. The exhibitor’s name(s) and county/district must be tagged or labeled on the display. Additionally, the display case should have the exhibitor’s information attached to both the lid and clear container, as well, as the case may be separated from the display.
17. Entry of either a packet without an accompanying exhibit or an exhibit without a packet is not a sufficient exhibit.
18. Each exhibitor is required to complete the “4-H Building Block Engineering Exhibit Information Form” which is available at the Extension Office or at <http://blocks.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit.
19. Each exhibit information packet should include the following items:
 - a. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state, these help in determining where a part might go in case something comes loose.
 - b. If appropriate operating instructions for mechanical portions of the diorama.
20. No parents talking to judge until ribbon placing awarded.

Introductory - Level 1 classes (1-3 years of experience)

5710 – Building Block Engineering Diorama illustrating at least 2 architectural features beyond floors, ceilings, and walls.

Experienced – Level 2 classes (4-6 years of experience)

5711 – Building Block Engineering Diorama illustrating at least 4 architectural features beyond floors, ceilings, and walls, and includes 1 or more motion elements.

Advanced – Level 3 classes (7-9 years of experience)

5712 – Building Block Engineering Diorama illustrating at least 6 architectural features beyond floors, ceilings, and walls, and includes 2 or more motion elements.

Master – Level 4 classes (10 or more years of experience)

5713 – Building Block Engineering Diorama illustrating at least 8 architectural features beyond floors, ceilings, and walls, and includes 3 or more motion elements.

Division V – 4-H Club Promotional Exhibit

Special Rules:

1. 4-H clubs may sell one promotional item in the Premium Auction (ex. basket, cookie jar, photo).
2. No parents talking to judge until ribbon placing awarded.

Club Promotional Exhibit

8010: Club Promotional Item

Division W – 4-H Electric and Renewable Energy

ELECTRIC & RENEWABLE ENERGY COMMITTEE

Trent Nienke*

Kara Quilter

Lane Howard

Paxton Huseman

Special Rules:

Anyone wishing to sell Electric/Electronics and Renewable Energy in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Each Electric/Electronics and Renewable Energy exhibit must include a “4-H Electronics & Renewable Energy Information Form” which is available at the Extension Office or at <http://electric.engtech4ks.com/>. This form must be attached to the outside of a 10” x 13” manila envelope. You must also include a wiring diagram or schematic. Place them inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
2. An exhibitor may enter up to three items in this division, but only one article per class.
3. Articles that have been in use should be cleaned for exhibit.
4. A sheet of operating instructions must be furnished for any exhibit not self-explanatory.
5. A sheet of operating instructions must be furnished for any exhibit not self-explanatory.
6. Projects (classes 5590, 5591, and 5592) must be operable using only 110 or 120V AC or battery power. If battery power is required, batteries must be furnished.
7. Any project with a complexity of size or electronics must have (a) instructions for assembly and use and (b) equipment available at the time of judging for actual testing of the exhibit.
8. No hand dipped solder may be used on exhibits.

Division W – 4-H Electric and Renewable Energy

9. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a participation ribbon.
10. No parents talking to judge until ribbon placing awarded.

Electric

5590 AC Electric: 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.

5591 DC Electric: Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered project. 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.

5592 Electronic: 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.

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

5593 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.

Division X– 4-H Entomology

ENTOMOLOGY COMMITTEE

Chuck Norris*

Caleb Hays

Cyrus Grothusen

Trent Norris

Special Rules:

Anyone wishing to sell Entomology in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. 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. (*Contact the Extension Office for a hardcopy of this publication.*)
2. A 4-H member may choose to exhibit in the Collection or Educational class for each phase or both. Educational classes are limited to one standard box, a maximum of 150 specimens, and **work performed during the current year.**
3. Individual entries are to be placed in plexi-glass covered wooden boxes that measure 18" H x 24" W x 3 1/2" D. **Plexi-glass covers are required at the County 4-H Fair and State Fair.**
4. Each exhibitor is required to identify each box by placing an identification label bearing exhibitor’s name, county, and class. One label goes in the upper left corner of the box (inside) and the other on the back of the box (outside). Arrange specimens in the box so the box can be displayed lengthwise.
5. The number of orders, specimens, and families where required must be included on the exhibitor’s box identification label.
6. Emphasis in judging will be placed on the overall variety of Kansas insects represented in the collection, accuracy of identification, skill and technique acquired in mounting of specimens, and overall arrangement and appearance of the collection.
7. For each collection class, two labels will be centered on the pin beneath each specimen. Upper is the common name label and the lower label is a date locality label.
8. Only specimens of the class Insect a should be included.
9. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
10. 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.

Division X– 4-H Entomology

11. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.
12. No parents talking to judge until ribbon placing awarded.
13. After the first year in Entomology, all 4-H members need to add an 8 ½" x 11" sheet of paper to their collection that states what they did to improve their collection for the current year. This should include how many new insects were added to the display box (please list), how many insects were replaced in the display box (please list), and number of new orders and/or families were added to the display box. Other optional things that could be included are number of insects caught for the year, number of new orders added this year, number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be taped to the upper left corner on the front of your display box.
14. The following insects are listed as Threatened or Endangered by the Fish and Wildlife Service. Because of this, no specimens of the below species may be caught or displayed in insect collections or educational displays. If specimens of these species are included in collections or educational displays, it will be counted as a major violation. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Please refer to www.kanas4-h.org on the [Entomology project page](#) for more information.
 - American Burying Beetle (*Nicrophorus americanus*)
 - Monarch Butterfly (*Danaus plexippus*)
 - Eastern Regal Fritillary Butterfly (*Argynnis idalia idalia* or *Speyeria idalia*)
 - Western Regal Fritillary Butterfly (*Argynnis idalia occidentalis* or *Speyeria occidentalis*)
 - Great Spangled Fritillary (*Speyeria cybele*)
15. A minimum of 10 new specimens must be added and/or replaced each year.

Notebook Classes

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. 4-H members who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning I Phase of Entomology Notebooks, not the introductory phase.
3. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitors name,

Division X– 4-H Entomology

county/district, and class the 4-H'er is enrolled in and statement of taxonomy used:

- Option A: "[Insects in Kansas](#)" book, or
 - Option B: which follows www.bugguide.net. The number of orders, specimens, and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
4. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.
 5. Date, common name, full county name, and state abbreviation should be included for each species. Collector's name on the specimen page is optional.
 6. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
 7. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.
 8. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page as well on the front of the divider page.
 9. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
 10. After the first year in Entomology, all 4-H members need to add an 8 ½" x 11" sheet of paper to their Photo Collection Notebook that states what they did to improve their notebook for the current year. This should include how many new insect photo pages were added to the notebook (please list), how many insect photo pages were replaced in the notebook (please list), and number of new orders and/or families added to the notebook. Other optional things that could include are number of insects photographed for the year, number of new orders added this year, number of talks and/or demonstrations given, activities participated in, leadership roles, etc. This paper should be placed right behind the Title Page in your notebook
 11. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.
 12. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect photo size, missing paper work, no special project in notebooks, etc.
 13. A minimum of 10 photo pages of new species must be added and/or replaced each year.

Division X– 4-H Entomology

Educational 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 state fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.
4. If the exhibit is a wooden display box, it must be 18" x 24" x 3.5" with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board.
5. Name and county/district must clearly be marked on educational exhibits.
6. Refer to Entomology General Rule 14 for information on Threatened and Endangered Species specimens that cannot be displayed in Educational Exhibits.
7. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no reference for information and/or photos, etc.

Monarch Butterfly Educational Display Rules:

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

1. Exhibits should teach the public about the Monarch Butterfly and/or ways to protect and conserve it. The information could show nectar sources for adult butterflies and food sources for caterpillars, Monarch tagging activities, collection of native milkweed and the packaging of it to give to others to plant, a group working together to plant a Monarch friendly garden, etc.
2. 4-H members may create a poster, notebook, standard size tri-fold diorama, slide show, or other visual display that shows information on Monarch Butterflies. If a slide show is created, it

Division X– 4-H Entomology

should be presented on a zip drive along with a printed copy of the presentation.

Entomology

4900 Beginning Entomology I – Beginning Entomology I Collection –

Display in one standard box of a minimum of 50 and maximum of 125 species representing at least seven orders. Specimens should be grouped according to order. Order labels should be pinned to the base of the box. Members can exhibit in this class a maximum of three years or until they receive a purple ribbon in the Beginning Phase at the Kansas State Fair, whichever comes first.

4901 Beginning Entomology II – Beginning Entomology II Collection –

Display in one standard box a minimum of 75 and a maximum of 150 species representing at least nine orders. Specimens should be grouped according to order. Order labels should be pinned to the base of the box. Members can exhibit in this class a maximum of three years or until they receive a purple ribbon in the beginning phase at the Kansas State Fair, whichever comes first.

4903 Intermediate Entomology – Intermediate Entomology Collection –

Display a minimum of 100 and a maximum of 300 insects representing at least 10 orders. Two standard boxes can be used. All specimens should be grouped to order; in addition, family identification is required for all insects in any two of the following six orders: Orthoptera, Hemiptera, Homoptera, Coleoptera, Diptera, and Hymenoptera. Observe that the number of families identified in these two orders must be recorded on the box identification labels. Families represent subdivisions of order grouping, and family labels will be pinned to the bottom of the box to represent sub-divisions of the appropriate order. Members can exhibit in this class a maximum of three years or until they receive a purple ribbon in the Intermediate phase at the Kansas State Fair.

4905 Advanced Entomology – Advanced Entomology Collection – Display a minimum of 150 and a maximum of 450 insects representing at least 12 orders. Three standard boxes can be used. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. All butterflies appearing in the collection should be labeled with the correct common name. 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.

Educational Display and Notebooks

4902 Beginning Educational Display

Division X– 4-H Entomology

4904 Intermediate Educational Display

4906 Advanced Educational Display

4920 Beginning Monarch Butterfly Educational Display Class: for 4-H members enrolled in Beginning I or II Entomology

4930 Intermediate Monarch Butterfly Educational Display Class: for 4-H members enrolled in Intermediate Entomology

4940 Advanced Monarch Butterfly Educational Display Class: for 4-H members enrolled in Advanced Entomology

4907 Introductory Entomology Notebook

4908 Beginning Entomology Notebook

4909 Intermediate Entomology Notebook

4910 Advanced Entomology Notebook

Division Y – 4-H Forestry

FORESTRY COMMITTEE

Chuck Norris*

Caleb Hays

Cyrus Grothusen

Trent Norris

Special Rules:

Anyone wishing to sell Forestry in the Silent Auction must return

an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. All leaf exhibits to be mounted on 8 ½" x 11" heavy stock paper and placed in loose-leaf binders. (Magnetic or adhesive filler sheets for photographic prints are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose. (Maximum exhibit size 2" x 3")
2. Name, club, age, and year in project should be on front cover. Members are limited to one entry.
3. Leaves should be identified with an appropriate label located near the leaf on the same page. These labels should include (1) The proper common name as listed in the [4H334, "List of Native Kansas Forest Trees."](#); (2) Scientific Name (Optional in 2025 and required in 2026); (3) Location (city and/or county) where collected; and (4) date (day, month, year) or (month, day, year) collected.
4. Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees.
5. New specimens are those specimens collected during the current 4-H year.
6. Have samples grouped according to the year (such as "old" and "new").
7. Variations of varieties do not count as different species or specimens.

Division Y – 4-H Forestry

8. 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.
9. If you retrieve information for your Forestry exhibit, you must include a reference citation to the source.
10. 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.
11. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.
12. No parents talking to judge until ribbon placing awarded.

Forestry - Collections

5100 Beginning	10 or more different leaves OR five or more twigs
5101 Intermediate	20 or more different leaves OR 10 or more twigs
5102 Senior	30 or more different leaves OR 15 or more twigs
5103 Advanced	40 or more different leaves OR 20 or more twigs

Forestry – Educational Display

5104 How a Tree Grows
5105 Tree Appreciation Display
5106 Growing and Protecting Trees Display
5107 Tree Culture Display
5108 How Forests Serve Us
5109 Educational Creative Exhibit Display

Division Z – 4-H Geology

GEOLOGY COMMITTEE

Chuck Norris*
Trent Norris

Caleb Hays

Cyrus Grothusen

Special Rules:

Anyone wishing to sell Geology in the Silent Auction must return an Intent to Sell Card to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

Division Z – 4-H Geology

1. The exhibit box should be 18" x 24" x 3½". Plexiglas covers are required. Boxes with glass covers WILL NOT be accepted. All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep exactly. If a box has a sliding Plexiglas cover, it must be removable from the top. Screws, locks, or other devices that would prevent judges from removing the cover should not be used. For Lapidary classes 5300-5304 only, the dimensions of the box should be appropriate for the display, but should not exceed 18" x 24" x 3 ½".
2. Each exhibitor is required to identify each display box by placing an identification label bearing name, county/district, and number of specimens in the upper left-hand corner of the Plexiglas cover and by attaching a label with the same information on the lower right corner of the box (outside).
3. Exhibitor may enter in both geology and lapidary classes. Exhibitor may show in only one of the first four geology classes (5200, 5201, 5202 or 5203). Exhibitor may also show in geology class 5204 (special exhibit), 5205 Mineralogy, 5206 Fossils, and in one lapidary class.
4. Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county only) where collected.
5. All specimens must be collected in the state of Kansas (only exception – see #7) during the current 4-H year, which will be allowed starting on the day after the conclusion of the State Fair.
6. For the geology classes 5200, 5201, 5202 and 5203, specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to the Phylum, Class and Genus level (if possible or part if Genus cannot be determined). The Genus specimen name is to begin with a capital letter and the whole specimen's name must either be *italicized* or underlined, not both. Species name is not required, however, if a species name is used, it must be all lowercase and either *italicized* or underlined, not both. The words "Phylum, Class, Genus" on labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum: Brachiopoda Class: Articulata Genus: Composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Composita).
7. For geology classes 5200, 5201, 5202, 5203, 5305, and 5206 all specimens must be collected by the participant (not purchased) from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and

Division Z – 4-H Geology

Jasper Counties, MO. Other out-of-state specimens will not count in the minimum number for the class, nor will they be considered in the judging.

8. No parents talking to judge until ribbon placing awarded.

Geology

5200 Display – 15 Rocks Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. Limited to one exhibited box 18" H x 24" W x 3½" D with plexi-glass. Only those exhibiting at the County Fair for the first time may enter this class.

5201 Display – 30 Rocks Display at least 30 different rocks, minerals, and fossils, at least five of each. **15 must be collected during the current 4-H year.** Limited to one exhibit box, this class is open to those exhibiting either first or second time at the County Fair.

5202 Display – 45 Rocks Display at least 45 rocks, minerals, and fossils at least five of each. **15 must be collected during the current 4-H year.** Exhibit limited to two boxes. List as igneous, metamorphic, or sedimentary. This class is open to those exhibiting either the third or fourth time at the County Fair.

5203 Display – 60 Rocks Display at least 60 rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Exhibit limited to two boxes. This class is open to those exhibiting the fifth time or more at the County Fair. List as igneous, metamorphic, or sedimentary.

5204 Geology Educational Exhibit – Exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of fossil, forms of one mineral, a variation of one kind of rock, archeological artifacts or Indian artifacts. Exhibit limited to 4' of the table space or to no more than two exhibit boxes. **Care should be taken to use durable materials that will withstand County and State Fair conditions.** Exhibitor may show in the class regardless of number of times he/she has exhibited at the County Fair or whether exhibitor has entries in classes 5200, 5201, 5202, or 5203. Exhibitor may also exhibit in lapidary class.

5205 Minerology Display a minimum of 15 mineral specimens collected in Kansas, at least five of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (ie: Carbonates, Oxides, Silicates) and at least three classes must be represented. The member must use one standard display box (see #1). The 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.

5206 Paleontology. Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.).

Division Z – 4-H Geology

The member must use one standard display box (see #1). The 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.)

5207 Petrology. Display a minimum of 15 rock specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. Rocks are to be grouped by the 3 rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. The specimens must fit in one standard display box (see #1). Specimen labels must include a specimen number, the date collected, name of specimen, and the county where collected. All rocks must be identified by the formation and member name (Examples: Fort Hays Limestone, Member of the Niobrara Chalk Formation) or source (Examples: Rocky Mountain Outwash, glacial till).

Lapidary

The lapidary will be judged on the following criteria:

- Workmanship – 60 points
- Presentation and Showmanship – 30 points
- Accuracy of Information – 10 points

5300 Lapidary – Five varieties polished/five varieties unpolished Display at least 30 stones and minerals that will cut or polish. Five of the specimens must be collected by the member from the native site (not limited to Kansas). Polish 15 of the gemstones by tumbling. Label, giving identification of material and county where collected or state or county of origin for non-Kansas material.

5301 Lapidary – Before & After Display before-and-after examples of at least three varieties of specimens, at least two tumble-polished and two 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.

5302 Lapidary – Before & After Display before-and-after examples of at least six varieties of specimens, at least two tumble-polished and two unpolished of each. At least two varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locals must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

5303 Lapidary – Before & After Display before-and-after examples of at least nine varieties of specimens, at least two tumble-polished and two unpolished of each. At least three varieties should be collected from the native site by the 4-H'er, at least two of which comes from Kansas. Locals must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

Division Z – 4-H Geology

5304 Lapidary.

Exhibit at least six 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 three 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.

Division AA – 4-H Notebooks, Posters & Displays

NOTEBOOKS, POSTERS & DISPLAYS COMMITTEE

Tobina Norris*

Josey Norris

Special Rules:

Anyone wishing to sell Notebooks, Posters, or Displays in the Silent Auction must return an Intent to Sell Card to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Exhibits in this division must be based on any one of the 4-H project areas. One display may be exhibited per project in which member is enrolled.
2. Maximum size for posters and project exhibits is 22" H x 28" W x 18" D (Class 7003) or standard tri-fold 3' H x 4' W (Class 7001). Poster exhibits need the following information, provided in the lower right corner: Name, Club, and Project Area.
3. Notebooks exhibit should be in a loose leaf binder with the following information provided in the lower right corner of the front cover: Name, Club, and Project Area.
4. Exhibits will be judged on general appearance, information, and organization.
5. Must comply with state and federal laws.
6. Wildlife – The use of live animals is prohibited in exhibits.
7. Any project represented by three or more displays/notebooks will make their own class.
8. No parents talking to judge until ribbon placing awarded.

Club Notebooks

7000 *Club Notebook Club Notebook (Secretary, Treasurer, Reporter, Historian)

Division AA – 4-H Notebooks, Posters & Displays

Individual Notebooks, Posters & Displays

7001 Project Display

7002 Project Notebook

7003 Project Poster

Division BB – 4-H Photography

PHOTOGRAPHY COMMITTEE

Katie Kueser*

Zane Kueser

Kelsi Zamrzla*

Lexi Wright

Josie Kueser

Special Rules:

Anyone wishing to sell Photography in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Exhibitor is limited to a total of seven entries in this division.
2. Photographs exhibited must be the result of the current year's project work by the 4-H member. Photo images must be taken by the 4-H member (exhibitor).
3. Photos are to be mounted across the narrow eleven inch dimension of the 11" x 12.5" sheet of white or cream studio mount. All photos must be no larger than 8" x 10" and no smaller than 7" x 9" after trimming. No square pictures are allowed. The top edge of the print must be one inch below the top of the mount. The sides of the print must be equal distance from the two sides of the mount. A permanent mount must be made by using photographic adhesive mounting. Remove white border from the enlargement before mounting. Studio mounts are available at the Extension Office. If the following mounting rules are not followed, the exhibit will not be able to go to State Fair: Photos must not be mounted on poster paper or tag board. [Mounting rules](#) are the same as for the Kansas State Fair.

Photo Display and Picture Story are not eligible for the State Fair and can be mounted on poster board or tag board.

4. No lettering is permitted on the front of the mount or on the photo; lettering permitted only on the form provided. No under lays or borders are to be used. No contact prints on front of mount.
5. **A photo will be lowered one ribbon placing if improperly mounted, if date/time stamp appears on photo, or if borders are not removed before mounting.**

Division BB – 4-H Photography

6. The exhibitor's name, address, and class should be written on the back of the mount.
7. The black and white classes are for black and white photos only. Monochromatic prints, including sepia prints are considered color photos and must be entered in the appropriate color photo class.
8. To protect exhibits from dust and moisture, it is strongly recommended that photos be placed in a two-gallon zip top bag.
9. Champion and Reserve Champion will be awarded in each age category. A Grand and Reserve Grand will be named from the Champions.
10. All photo entries, except for Photo Display and Picture Display, must be enlargements no larger than 8" x 10" but no smaller than 7" x 9".
11. 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 at the County or State Fair.
12. Photos with live subject(s) on railroad right of way or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be DISQUALIFIED and Not Judged.
13. Copyright protections must be observed.
14. Decisions as to display and/or penalties will be made by the Photography Project Superintendent and the 4-H Specialist responsible for the photography project.
15. Photo Mounts: A full coverage permanent mount (spray adhesive recommended or heat mount) must be made. (No household glues, double stick tape, etc.)
16. Photo ID Strip: The the [Kansas State Fair 4-H Photography ID Strip](#) (available at the Extension Office and online) must be used and mounted correctly on the bottom front of the matte board.
17. 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.
18. My Favorite 4-H Photography Display: Is only for those photography project members with 10 or more years of experience. This class is a non-judged, mounted display consisting of four favorite photos from the member's photography career in 4-H. All four photos will be mounted with a fifth mount reserved for a one page, printed or handwritten narrative/description that details each photo and why the exhibitor regards these photos as their most significant work. Photos and narrative/description will be displayed on one row of the photography racks. This class provides an alternate way to showcase the development

Division BB – 4-H Photography

and accomplishments of the 4-H member's photography career. Members who display in "My Favorite 4-H Photography Display" can still enter two other classes.

19. No parents talking to judge until ribbon placing awarded.

Photography

4800 Color Photo Color photos taken by a 4-H member with three years or less in the project. **(NOT eligible for KSF)**

4801 Color Photo Color photos taken by a 4-H member with four to seven years in the project.

4802 Color Photo Color photos taken by a 4-H member with eight or more years in the project.

4804 B&W Photo Black and white photos all levels of experience. (Black and white prints only)

4805 Computer Digital Composite Images.

4806 Video Video made by 4-H member. Limited to five minutes.

4800A *Photo Display A display of one to three of their best photos, color or black and white. May either be 3" x 5" or 4" x 6" snapshots.

4800B *Picture Story A Picture Story not to exceed three snapshots that tell a story without cut lines or captions, color or black and white.

4807 Growth Portfolio

- Member is eligible for this class beginning with the third year of enrollment in the 4-H photography project.
- Exhibit will consist of one photo for each year of enrollment. Each photo must have been created in a different year and must be labeled with the year taken/project enrollment year. A maximum of five photos may be included, if the member has five or more years of enrollment. Photos are not required to be in a consecutive order. For example, a nine-year-old with three years enrollment in photography is eligible to enter a growth portfolio. The portfolio in this example should have one photo from the seven-year-olds year, one photo from the eightyear-olds year, and one photo from the nine-year-olds year. The growth portfolio class may start at any time in the member's photography career. For an older member, the growth portfolio would represent any five years in the project, for example, years 1,3,5,7 and 9 for a member having project enrollment totaling 9 years.
- Exhibit will consist of five photos - one from each of the past five 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" x 10" and may be color or black and white and must be unmounted.

Division BB – 4-H Photography

- An information sheet must accompany each photo giving brand and model of camera used to create the photo. Setting for focal length, aperture, mode and shutter speed must also be listed. The skill set used to create the photo must be given and fully explained. The main goal for each year should also be given. The [Photo Information Sheet](#) is available on the www.kansas4h.org website. This required [form](#) is a fillable document.
- A short introduction of the photographer should be placed in the first page. This introduction should tell why the 4-H member enrolled in the Photography project and why they have continued to enroll. Exhibitor could also tell of a fun event photographed, a learning experience that taught them new skills, or other related learning.
- Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet.
- Exhibit will consist of introductory page, skill sheet, and photo from each year in chronological order. And arranged in a portfolio book. Skill sheet will go in left hand page and unmounted photos in right hand page.

4808 My Favorite 4-H Photography

1. Eligible members must have enrolled in photography for 10 or more years.

2. Requirements are:

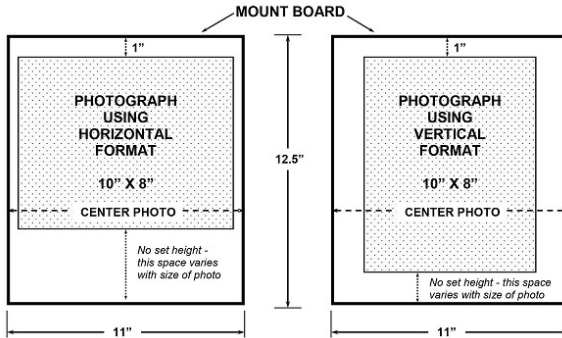
A. Choose a total of four of your favorite photos from any of the years enrolled in photography. If used previously in competitive exhibits, remove all data slips and stickers. If the photo is an unmounted print, mount it using [standard 4-H requirements and mat board](#).

B. Develop a short biography piece.

- Tell how/when an interest in photography began.
- Explain why each of the four photos is a favorite.
- Share the skills learned because of photography.
- Think beyond camera skills and include leadership, community service, etc.
- Tell of any mentors/leaders worked with.
- Share workshops or camps pertaining to photography you attended.
- Explain (if relevant) any plans to use photography skills beyond 4-H/High School.
- Include a small (2" x 3") photo of yourself at the start of the biography.
- Print the biography document and mount it on a standard mat board.

Division BB – 4-H Photography

PHOTO DISPLAY INSTRUCTIONS



Division CC – 4-H Robotics

ROBOTICS COMMITTEE

Chuck Norris*
Trent Norris

Caleb Hays

Cyrus Grothusen

ROBOTICS – Special Rules:

Anyone wishing to sell Robots in the Silent Auction must return an

Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Each exhibitor may enter three robots constructed during the current year. Only one robot may be entered for each type of construction (kit, original, modified).
2. Each exhibit must include a robot; information packets are not a sufficient exhibit.
3. Robots must have automated articulated structures (arms, wheels, grippers, pneumatic, hydraulic, etc.). Game consoles that display on a screen are not considered robots and should either be entered in the computer sciences division or electronics and renewable energy project. Robots requiring no assembly, just programming, such as Ozobots, are considered computer sciences projects as the skill is focused on the programming not on the construction of the robot.
4. Robot dimensions should not exceed 2' High x 2' Wide x 2' Deep. If displayed in a case, the outside case dimensions should not be excessive. The display case should have the exhibitor's information attached to both the lid and cover, as the top part of the case may be separated from the

Division CC – 4-H Robotics

display.

5. 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" x 4" x 36" or 4" x 8" x 18" or 6" x 6" x 16"). The container, if used, and/or any large objects (such as mats or obstacles) should be labeled with the exhibitor's name(s) and county/district as they will be stored separately from the exhibit.
6. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
7. Robots may be powered by an electrical, battery, water, air, or solar source only. Junk drawer robots may be powered by a non-traditional power source. Robots powered by fossil fuels/flammable liquids will be disqualified. Robots that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical, that is intended to inflict damage and/or harm to individuals, animal life, and/or property.
8. Remote controlled robots are allowed under certain conditions provided that the robot is not drivable. Robots programmed on phones/tablets need to have a specific program created, using motion controls to move the robot are not acceptable, for example "press forward on the screen to make the robot go forward." Robotic arms (hydraulic or electric) are allowed. A remote is allowed, provided more than a single action happens when a single button is pressed on the remote, for example "a motor spins for 3 seconds, at which point an actuator is triggered, then the motor spins for 3 more seconds." Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.
9. Each robot must be in working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete its intended task. In the event the robot uses a phone, tablet, or similar device for both programming AND control of the robot, a video will be used to evaluate the working condition of the robot. It should follow the instructions provided for operation so that the judge can follow along with the provided instructions. For county fairs where consultation judging is used, the video requirement should be waived in favor of actual operation of the robot.
10. Each exhibitor is required to complete the [4-H Robotics Exhibit Information Form](#) which is available at the Extension Office or [online](#).
11. This form must be attached to the outside of a 10" x 13" manila envelope. All revisions of all forms previously released for the Engineering & Technology division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms should result in the

Division CC – 4-H Robotics

loss of one ribbon placing for exhibits.

12. The exhibit must include written instructions for operation (the instructions should be written as if they were to tell a grandparent or older adult how to operate the robot), construction plans (do not need to be printed), a video, and one to five pages of project photographs. For robots that can be programmed, robot programming information must be included, this information should be placed inside the 10" x 13" manila envelope mentioned previously. Robot programming information can be, but not limited to, source code, block diagrams, screen captures of the coding window, and other images that show the programming logic used. The exhibitor may enter their robotics project listed under the Electric and Renewable Energy project if the exhibitor so chooses. No exhibitor will be allowed to set up their robot in person at the State Fair.
13. In the event that the robot uses a device like a phone, iPad, or tablet for programming AND operation, DO NOT include the device (phone, tablet, etc.). The device's safety cannot be insured. Instead, record a video demonstrating the instructions included for your robot. It should show setting up the robot, starting the robot, the robot executing its task, and powering off the robot, just like the instructions are written. Creativity, workmanship, and functionality will be strong criteria in judging the "Robot designed by Exhibitor" classes. All robots should have a purpose or intended function, examples include, but are not limited to, following a line, sweeping the floor, solving a Rubix Cube, sorting colors, or climbing stairs.
14. Exhibitor's name(s) and county/district must be tagged or labeled on the robot such as on the bottom of the robot, exhibit cards are not an acceptable form of labeling.

DEFINITIONS:

1. Kit Construction–Purchase a robotic kit and assemble exactly as instructed.
2. Modified Kit Construction–Purchase a robotic kit and assemble with minor changes.
3. Original Construction – Design and build your own robot or purchase kit and make major changes.
4. Two types of robots: Tethered robots are hard wired or radio controlled by the operator. Autonomous robots are not tethered, but with on-board programmable decision/command and control.
5. **Novice Category:** Concept Illustration – This category will focus on the pre-requisite knowledge for robot construction, illustrating the concepts utilized by robots. An apparatus may include several concepts, and their potential applications explained. Focus is on Illustration of the concept, not necessarily a "robot." **For 4-H members with 1- 2 years in project.**

Division CC – 4-H Robotics

6. **Intermediate Category:** Concept Application – The explanations of the novice category must be included at this level. Focus is on the application of concepts in an apparatus. Novice concepts applied in an apparatus (i.e. kit). This would be a functioning apparatus, illustrated, and explained in a written narrative. This apparatus could be remote controlled (radio or tethered) with or without on-board logic/decision making capabilities. **For 4-H members with 3-4 years in project.**
7. **Professional Category:** Self-Contained, Self-Controlled Robots – Focus is on totally independent robots operating without any interventions performing tasks requiring on-board logic choices. Parameters of task and operation must be clearly stated in a narrative. All aspects of operation must be explained. The apparatus needs to illustrate the application of the Novice and Intermediate levels described above. **For 4-H members with 5 or more years in project.**
8. No parents talking to judge until ribbon placing awarded.

ROBOTICS

- 5500** Junior (7-9 years old) Category: Robot made from commercial (purchased) kit
- 5501** Junior (7-9 years old) Category: Robot designed and constructed by exhibitor
- 5502** Junior (7-9 years old) Category: Programmable robot made from a purchased kit
- 5503** Intermediate (10-13 years old) Category: Robot made from commercial (purchased) kit
- 5504** Intermediate (10- 13 years old) Category: Robot designed by exhibitor
- 5505** Intermediate(10-13 years old) Category: Programmable robot made from a purchased kit
- 5506** Senior (14 years old and older) Category: Robot made from a commercial (purchased) kit
- 5507** Senior (14 years old and older) Category: Robot designed by exhibitor
- 5508** Senior (14 years old and older) Category: Programmable robot made from a purchased kit
- 5509** Robots designed and constructed by two or more exhibitors
- 5510** Junior (7-9 years old) Robot designed and constructed by exhibitor and operated by a remote control device
- 5511** Junior (7-9 years old) Junk Drawer Robotics
- 5512** Intermediate (10-13 years old) Junk Drawer Robotics
- 5513** Senior (14 years old and older) Junk Drawer Robotics
- 5514** Intermediate (10-13 years old) Robot designed and constructed by exhibitor and operated by a remote control device
- 5515** Senior (14 years old and older) Robot designed and constructed by exhibitor and operated by a remote control device

Division CC – 4-H Robotics

Educational Exhibits, Posters, Notebooks and Display boards

- 5516** Junior (7-9 years old) Robotics Educational Display
- 5517** Intermediate (10-13 years old) Robotics Educational Display
- 5518** Senior (14 years old and older) Robotics Educational Display
- 5519** Team Robotics Educational Display
- 5520** Junior (7-9 years old) Robotics Educational Notebook
- 5521** Junior (7-9 years old) Robotics Educational Poster
- 5522** Intermediate (10-13 years old) Robotics Educational Notebook
- 5523** Intermediate (10-13 years old) Robotics Educational Poster
- 5524** Senior (14 years old and older) Robotics Educational Notebook
- 5525** Senior (14 years old and older) Robotics Educational Poster
- 5526** Team Robotics Educational Notebook
- 5527** Team Robotics Educational Poster

Division DD – 4-H Shooting Sports

SHOOTING SPORTS COMMITTEE

Tim Hays*

Trenton Hays

Lane Howard

Leah Howard

Special Rules:

Anyone wishing to sell Shooting Sports in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Exhibits in this division are open to educational displays or promotional posters. Follow copyright laws as you are preparing your exhibit. Take care to select durable materials to withstand fair conditions.
- a. **Educational Display:** must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 4' wide x 3' tall. No additional table space available for promotional brochures or display items; content not to exceed display board boarders.
- b. **Promotional Posters:** must be flat and no larger than 22" x 30". THE EXHIBIT SIZE RULE WILL BE STRICTLY ENFORCED! Exhibits exceeding the size guidelines will be penalized one ribbon color.
2. 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. Please remember that the Fair Association and Midway Extension District are NOT liable for the loss or damage of any personal property included as part of your display.
3. Entries will prominently incorporate the 4-H Clover with KSRE

Division DD – 4-H Shooting Sports

co-branding and should include the Kansas 4-H Shooting Sports emblem. Failure to do so will penalize entry one ribbon color.

4. Name, county/district, age, and year in project should be in a prominent location on the exhibit.
5. Exhibits will not be accepted if they are related to reloads.
6. Notebooks: no larger than 8 ½" x 11".
7. Displays and posters will be judged in the following points:

Stopping Power 15 points

Is the main idea specific?

Is the idea presented clearly, simply, forcefully?

Interest, Holding Power 15 points

Does the exhibit give the observer additional facts in a clear, concise informative way?

4-H Project application 15 points

Mechanical Power 5 points

Correct letter size, pleasing color combination, appropriate symbols and models?

Personal Growth 25 points

How much knowledge was gained by exhibitor?

Education Value 25 points

Knowledge shared?

Total 100 points

A shoot for ribbon placing will occur prior to Fair at a predetermined time. Results of the shoot will be posted during the County Fair, and an Overall Grand and Reserve Grand Shooting Sports Champion will be selected based on points from the shoot ribbon(s) and poster/display/notebook ribbon. **Note: you must register in FairyEntry for the shoot classes to receive your ribbon and points.**

8. No parents talking to judge until ribbon placing awarded.

Shooting Sports

6200 Educational Display Educational Display-Must be directly related to the 4-H Shooting Sports Project (standard tri-fold boards only, no larger than 3' x 4')

6201 Promotional Poster Promotional Poster-Must promote 4-H Shooting Sports (Flat poster no larger than 22" x 28")

6202 Notebook Contents pertain to some phase, results, story or information about 4-H Shooting Sports.

Ribbon Shoot Classes:

6200I Recurve archery shoot

6200C Compound archery shoot

6200E BB gun shoot

Division DD – 4-H Shooting Sports

6200G Air rifle shoot

6200J Shotgun shoot

Division EE – 4-H Small Engines

SMALL ENGINES COMMITTEE

Trent Nienke*

Kara Quilter

Lane Howard

Paxton Huseman

Special Rules:

Anyone wishing to sell Shooting Sports in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

SMALL ENGINES

1. Only those who have met the requirements of the small engine project are eligible to exhibit in this division.
2. An exhibitor may enter up to three items in this division, but only one article per class. Use the entry card available from the Extension Office. Record all requested information and securely attach to exhibit.
3. Items that have been in use should be cleaned for exhibit.
4. A sheet of operating instructions must be furnished for any exhibit not self-explanatory.
5. Each Small Engines exhibit must include a “4-H Small Engines Information Form”, which is available at Extension Office. This form must be attached to the outside of a 10” x 13” manilla envelope. Place the form inside the manilla envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manilla envelope is needed for these exhibits.
6. No parents talking to judge until ribbon placing awarded.

Small Engines

5530 – 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(s) of different special tools needed for small engine work; OR
- 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display.

Division EE – 4-H Small Engines

Maximum tri-fold size is 3' x 4'.

5531 – Maintenance: Exhibit a display that illustrates either:

- 1) Routine maintenance procedures OR
- 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display, using a maximum tri-fold size of 3' x 4'.

5532 - Operation: Exhibit an operable small engine (no more than 20 HP) 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. Maximum tri-fold size is 3' x 4'. Engine should contain no fuel in tank or carburetor. 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.

Division FF – 4-H Visual Arts

VISUAL ARTS COMMITTEE

Paula Gray*

Josie Kueser

Michelle Schwerdtfeger*

Katie Kueser

Sage Gray

Ashlyn Schwerdtfeger

Special Rules:

Anyone wishing to sell Visual Arts in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

1. Exhibitors limited to a total of six entries, but only one school-made exhibit.
2. A Champion and Reserve Champion will be picked from each age class if deserving. Grand Champion overall will be selected.
3. Articles exhibited must be an original design created by the exhibitor.
4. All visual arts exhibits are evaluated using a visual arts rubric, which takes into account correct use of design elements, craftsmanship, and creativity.
5. Bring entries at the time they are to be judged.
6. All exhibits which need to be hung (including all fine arts) must have a wire or saw tooth hanger attached (no string or tape). If necessary hardware is not attached, it will be deducted a ribbon and will not be displayed.
7. If exhibit has been made from a kit, be sure to enroll it in the kit/mold class (KITS ARE NOT STATE FAIR ELIGIBLE).

Division FF – 4-H Visual Arts

8. The judges will choose up to one entry from divisions A-E below to advance to the State Fair competition. (members must be at least 9 years old by January 1 in order to take entries to the state level).
9. Firearms and weapons are not eligible exhibits.
10. Visual Arts Divisions:

A. Fine Arts

Oil, chalk, charcoal, dyes, pastels, pencil, ink, acrylic, or watercolor on canvas, canvas board, paper, wood, metal, or textiles, framed as a picture, prepared for hanging. Stretched canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.

B. Clay and Ceramics

Any original item made of clay; may be fired or unfired, hand formed, or thrown on a wheel. Self-hardening, fire/oven-cured, and/or cornstarch clays are acceptable. Items can include, but are not limited to, clay statues, bowls, etc.

C. Leather and Jewelry

Any leather stamping, carving, tooling, lacing, or stitching piece or any jewelry piece made from any medium are acceptable exhibits.

D. Three-Dimensional

The piece must be observable on at least three sides and should be either free-standing or prepared to be hung. Craft and pre-formed or assembled projects are not acceptable.

E. General Crafts

This category incorporates miscellaneous pieces that do not correspond to the four, above-mentioned categories.

F. Kits/Molds

Anything that is made from a kit or mold (not state fair eligible).

11. Each county may submit one entry from each of the five categories (Fine Arts, Clay and Ceramics, Leather and Jewelry, Three-Dimensional, and General Crafts) for a total of five entries per county. If a county doesn't have an entry for one of the classes, they may submit a second entry in one of the other classes to meet the quota of five entries per county.
12. Entry cards do NOT get attached until judging is done.
13. No parents talking to judge until ribbon placing awarded.

Copyright *Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class, except the kit/mold class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern, and/or size of a pattern does not make the design original. If you create a replica of what you see somewhere else

Division FF – 4-H Visual Arts

(i.e. Pinterest), it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit.

Visual Arts

4500 Junior

- A. Fine Arts**
- B. Clay and Ceramics**
- C. Leather and Jewelry**
- D. Three Dimensional**
- E. General Crafts**
- F. Kits/Molds**

4501 Intermediate

- A. Fine Arts**
- B. Clay and Ceramics**
- C. Leather and Jewelry**
- D. Three Dimensional**
- E. General Crafts**
- F. Kits/Molds**

4502 Senior

- A. Fine Arts**
- B. Clay and Ceramics**
- C. Leather and Jewelry**
- D. Three Dimensional**
- E. General Crafts**
- F. Kits/Molds**

Division GG – 4-H Wildlife

WILDLIFE COMMITTEE

Tim Hays*

Trent Norris

Brantley Beckman

Special Rules:

Anyone wishing to sell Wildlife in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

- 1. Exhibitors must comply with state and federal laws.** It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of nongame birds. Game birds and game animals taken legally during an

Division GG – 4-H Wildlife

open season may be used. Every wildlife on display must have a statement about how they were obtained legally. The use of live wild animals in educational exhibits is prohibited.

2. Exhibits in this division are open to educational displays, promotional posters, or experiential displays. Exhibits should reflect learning in the project area. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Take care to select durable materials to withstand State Fair conditions.
3. Wildlife exhibits that reflect harvesting of wildlife must follow [National Minimum Standards and Best Practices](#) and [Kansas 4-H Shooting Sports Handbook](#) and Kansas Fish and Game laws. Exhibits outside these standards will be disqualified.
4. The exhibit size rule will be strictly enforced. Exhibits exceeding the size guidelines will be disqualified. Maximum exhibit size for all exhibits in this division is 4' x 6'. Larger exhibits will be turned away.
5. **Educational Display:** must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 3' x 4' unless there is a topper that sits on top of the board and does not take up additional table space; no additional table space available for promotional brochures or display items; content not to exceed display board borders.
6. **Posters:** must be flat and no larger than 22" x 30"; content not to exceed display board borders. Exhibits may be displayed on wall.
7. **Notebooks:** no larger than 8 ½" x 11".
8. Exhibits must not display, describe, or depict firearms or firearm components that are not allowed by 4-H Shooting Sports National Minimum Standards.
9. Exhibitors must comply with state and federal laws and Kansas State Fair Management.
10. No "live" ammunition containing propellant or explosive powders may be used in any display. An inert substitution must be used in lieu of powder and "live" ammunition, the substitution must be clearly described on the back of the poster, display, or in a notebook.
11. The Ellsworth County Fair Association nor Midway Extension District, are liable for the loss or damage of any personal property included as part of your poster, display, or notebook.
12. Name, county/district, age, and year in project should be on the back of the poster, display, or notebook unless special arrangements are made because of declination of publicity release.
13. Exhibit topics regarding firearm care, handling, and shooting will only be accepted from Extension Units with 4-H Certified Shooting Sports Programs and enrolled 4-H youth in the specific Shooting Sports Project.
14. Exhibits will not be accepted if they are related to reloads.

Division GG – 4-H Wildlife

CLASSES

- 5400 Fish Harvesting Equipment** – Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where each item is used.
- 5401 Build a Fishing Rod** – A fishing rod educational exhibit may not exceed 96" in length. Exhibit must be mounted on a board. Include with the exhibit: Explanation of cost of materials/components and how many number of hours required for construction. Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.
- 5402 Casting Target** – Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2', outer band must be 1' in diameter and can have up to 3 rings. The exhibit must be easy to store, durable, and weather resistant. Include the purpose and rules of using your casting target.
- 5403 Wildlife Harvesting Equipment** – Board Exhibit. Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed: the purpose of each item, when or where it is used, and personal experiences with the item.
- 5404 Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory** – Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype, and any adjustments you made.
- 5405 Tanned Hides** – Exhibit of a wild animal hide properly processed by the member. If not mounted, must be in a clear clothing bag with hanger. All field experiences and studies OR observations that relate to the exhibit.
- 5406 Taxidermy** – Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting. Include the animal's name and the following: information about the exhibitor's personal field experiences, study, OR observations that relate to the exhibit.
- 5407 Wildlife Tracks** – Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-pairs casts. There are 3 options. For all options, include a brief description of your experiences in making the

Division GG – 4-H Wildlife

tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred. - Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR) - Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR) - Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

5408 Wildlife Knowledge Check – Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24" x 24".

5409 Houses – Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations from experiences.

5410 Feeders/Waterers – Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where are how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences.

Division HH – 4-H Woodworking

WOODWORKING COMMITTEE

Trent Nienke*

Lane Howard

Paxton Huseman

Kara Hays

Special Rules:

Anyone wishing to sell Woodworking in the Silent Auction must return an Intent to Sell Form to the Fair Office by 12:00 p.m., Wednesday, July 23.

There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, page 35).

Division HH – 4-H Woodworking

1. In judging woodwork articles, consideration is given to:
 - a. Usefulness
 - b. Workmanship
 - c. Design
 - d. Choice of wood
 - e. Suitability and quality of finish
2. EACH ARTICLE EXHIBITED MUST BE ACCOMPANIED BY THE PLANS, BLUE PRINT, OR WORKING DRAWING USED FOR CONSTRUCTION. Label each article showing intended use. Designate on the entry if the article is original or kit-construction.
3. Label each article giving owner's name, address, club, and name of article. Label placed with masking tape or tied to exhibit is preferred.
4. 4-H member is limited to five entries in this division. One school made entry will be permitted.
5. Woodworking exhibits consist of woodwork article for farm and shop use, lawn furniture, household furniture, other woodwork article not included in the above, piece of repaired and refinished furniture (a brief explanation of the work completed must be attached to the exhibit) or any article made from a kit.
6. Projects from a kit are not eligible for State Fair exhibit.
7. The entry card, plans, and all other paperwork should be enclosed in a zip top plastic bag with a hole punched through it and tied or otherwise secured to the project in some manner. Tape is usually not adequate to accomplish this.
8. Firearms and weapons are not to be entered or exhibited at the Ellsworth County 4-H Fair or Kansas State Fair in the Kansas 4-H Youth Development Department.
9. Projects with “fractal burning” are NOT ALLOWED in any Ellsworth County 4-H Fair or Kansas State Fair Exhibits in the 4-H Youth Development Department. (Example – electrical burning to make black linework on artwork.) This is in agreement with The American Association of Woodturners (AAW).
10. The use of materials other than wood should be kept to a minimum.
11. 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.
12. No parents talking to judge until ribbon placing awarded.

Woodworking

4700 Article for Farm or Shop Use

4701 Furniture for Household or Lawn Use

4702 Other Woodwork

Thank You

To all of the 2024 Premium Auction Buyers. Your support of Ellsworth County 4-H is much appreciated! THANK YOU!

181 Ag Supply
Adam Barta
Agco, Inc
Allan and Michelle Brokes
American Food Group
American Plains Coop
Amy Westerman
Amy's Accounting
Ark Vet Clinic
Babcock Trucking
Bar K Bar Trucking
Baron Show Pigs
Beaver Grain
Bennington State Bank
Berkley & Berkley
Blue Stem Auto 3
Bob Fredrickson
Brad and Karen Kratzer
Brokes Family Farms
BZ Bee, Inc.
Cargill
Carol Joanis
Carol Soukop
Carrico
Central Prairie Coop
Choitz Brothers
Citizen's State Bank & Trust
CK Ranch - Vanier Land Company
Commercial Tire Center, Inc
Concrete Carriers
Conoco Travel Shoppe
County Liners

Craig Zwick
Crop Production Services
Crop Service Center
D & K Rolfs
Dan and Tammy Kruse
Dan Reed
Danielle Kasper
David & Mary Kratzer
Dan Olson
Diamond H
Dick Poovy
Diesel Pickup Specialist, Inc
Dorrance Fire Department
Double D Hogs
Double L Feeds
Ellsworth Coop
Ellsworth Federal Bank
Ellsworth Packing Plant
Eschbaugh Advertising
Faeleigh Feedyard
Farm Bureau, Rick Connally
Farmers & Ranchers Livestock
First Bank Kansas
First Kansas Bank
Fred Weigel Jr.
Garret Stewart
Geiger Cattle
Gene Meitler Memorial Fund
Golden Belt Feeders
Golden Living Center
Gordon Homeier
Grandma's Soda Shop

Grant Dobbins	Kirkham Michael & Assoc.
Great Bend Feeding	Kratzer Custom Swathing
Green Garden Angus	Kristin Haase
Greg and Debbie Brenneman	Krueger Farms
G-Stop	Kueser Ranch
Gulf Coast Measuring Services	Laas Cattle- Doug Laas
Gunnar Hays	Laas-Kempke Hay
Habiger Farm Harvesting	Lacross Livestock
Harrison Electric	Leigh Hendrickson
Hedlund Electric	Leon Weigel
Hoft Red Angus	Levi Tree Service
Home State Bank	Linden Rebuilding
Home Telephone Co.	Lindsey Schmidt
Homeier Farms	Liz and Dustin Perkins
Ideal Real Estate	Lorraine State Bank
Issacson's Trucking	Lyman Nuss
J&R Feeds - Jon Wright	Lyons Federal Bank
Janet Splitter	Lyons Vet Clinic
Janssen Hog Farms	Maico
Janssen Red Angus	Marine Specialty
Jenna Zamrzla	Marquette Farmers State Bank
Jerry Rush	Marquette Insurance Agency
Jessica Ebert	Marty and Cherie Sauers
Jim & Shannon Kirkbride	Mary Kay Seifers
Joe Wright (Three G, LLC.)	Michael Homeier
John and Jo Reilly	Midway Coop
John Dolezal	Mike & Nancy Kratley
Jon Wright	Mike and Sawn Olson
Jonathan Seimears	Mike Kratky-Pioneer Seed
J-Six Farms	Modern Ag Services
Judy Scitchfield	Mushrush Red Angus
Kan-Equip	Nelson Farms
Kansas Originals	Niki Svaty
Kasper Cattle Co	Oleen Cattle Co. - Glenn & Gwen
KDH Shorthorns	Oleen
Kenny's Construction	Oswalt Auction
	Pat and Dale Kubrick

Peterson & Staudinger
Pfizer
Phyllis Norris
Piper Fine Foods
PJ's Bar & Grill
Polman-Varner-Peeler Mortuary & Monuments
R J Fencing
Raleigh Insurance
Randy Schneider
Refine
Robert Behnke
Rocking MR Campers
Rocky's Ranch House
Roger and Kathryn Foran
Ron and Sheri Hays
Ron Frederking Enterprise
Rosebrook Custom Ag
Russell Farm Bureau
Russell Livestock
Russell Vet Service
Rusty Bucket Liquor
S&S Fencing
Schaff Angus Valley
Schneider Feeding
Sellers Feedlot
Seth & Shelly Rolfs
Sexton Genetics
Sharla Huseman
Short family
Short Mowing
Sims Fertilizer And Chemical
Smokey Valley Distilleries
Smoky Valley Tire
Smoky Y Red Angus
Snack Shack
Sonny Bohnen

Splitter Farms
Stacey Halbgewachs
Starflite Mfg
Steadfast Genetics – Dwight Elmore
Stop 2 Shop
Sun Ranch
Sylvan Sales Commission
Terry and Linda Vague
Terry Kueser
The Citizens State Bank McPherson
The Quilters
Thielen Farms
Thornton Auto
Tom's Ranch House
Town and Country Animal Hospital
Town and Country Repair Service
Travel Time
Trisha Janssen
UMB Bank of Russell
Valley Vet Supply
Victor Brothers
Wakeeney Livestock
Wayne's Ag Aviation
Wilson Communications
Wilson Fire Department
Wilson Foods
Wilson State Bank
Wilson Wine and Spirits
Wilson Winners 1
Wilson Winners 2
Wilson Winners 3
Wilson Winners 4
Wilson Winners 5
Wolverine Fine Foods

