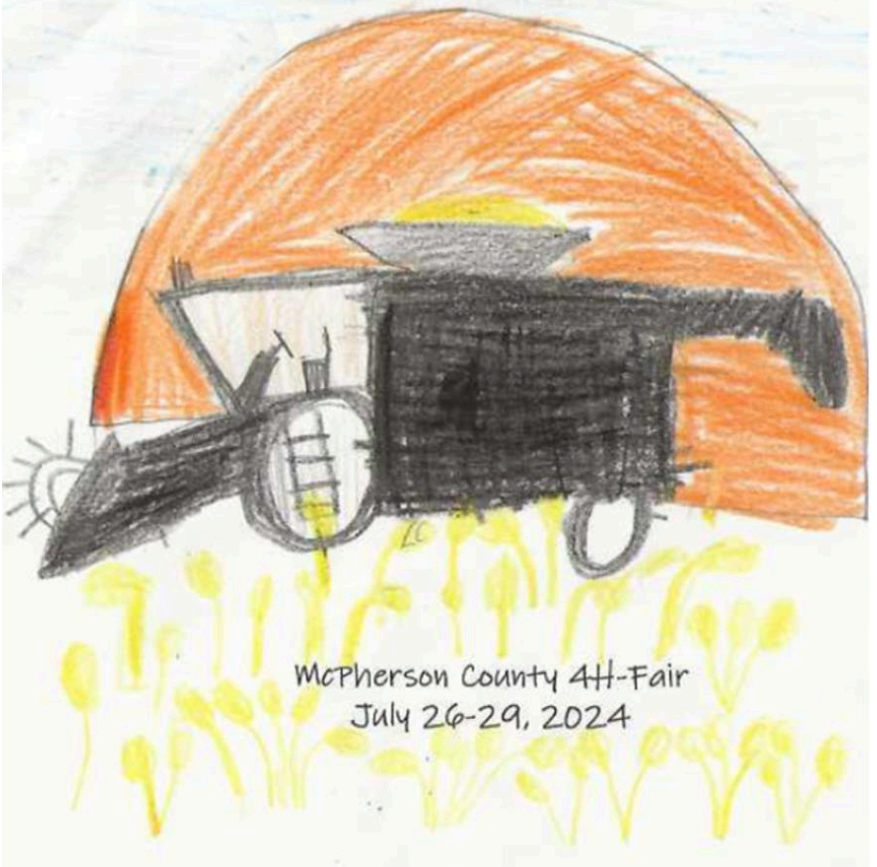


Kansas, We have the wheat!



Fair Cover Designed and Drawn by Caleb Shogren, Friendly Fremont 4-H Club

## 4-H FAIRBOARD

Zeke Durr  
Jenny Smith  
Macy Reiff  
Holly Toll

Shelby Shaw  
Isom Marston  
Rhonda Toews Moore

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Vice-President: Gentry Regier  
Secretary: Matthew Seeger  
Treasurer: Alexis Shandy

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Duane Bender – Vice Chair  
Jennifer Wilson – Secretary  
Shane Williams – Treasurer

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Eric Peterson  
Marci Fox  
Sean Wilson  
Galen Wiens

## MCPHERSON COUNTY COMMISSIONERS

David O'Dell  
Tom Kueser  
Keith Becker

## COUNTY EXTENSION AGENTS

Shad Marston, Agriculture and Natural Resources  
Chuck Laughlin, Family Community Wellness  
Shyanne Jones, 4-H Youth Development

## EXTENSION OFFICE PROFESSIONALS

Terra Regehr  
Lauralee Myers

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# SCHEDULE

## 2024 McPherson County Fair Schedule

### Thursday, July 18th

5:00pm Space Reservations/Registrations due for the Following Projects:

- Project Displays
- Reading Adventures
- Shooting Sports Displays
- Place Settings
- Self-Determined
- PEN RESERVATIONS DUE
- YQCA CERTIFICATIONS DUE
- Talks and Demonstrations
- Performing Arts
- Fashion Revue Scripts
- Booths

\*\*\*See July Newsletter for links and instructions

### Monday, July 22nd

1:00pm – Fashion Revue Judging (Extension Office Meeting Room)

1:00pm – Sewing and Textiles Conference Judging

4:30pm – Public Fashion Revue, Performing Arts, Talks and Demonstrations (McPherson Community Building)

5:00-5:30pm – Horse Show Check-In (Saddle Club Arena, Crow's Nest)

6:00pm – Horse Show (Saddle Club Arena)

### Tuesday, July 23rd

5:30pm – Fair Ground Set-Up – \*REQUIRED for Premium Sale participants, see Livestock Sale section (pg 86) Grab and Go Supper provided after set up for participants

6:30pm – MANDATORY PREMIUM SALE MEETING – immediately following set-up, approximately 6:30pm in show ring

### Thursday, July 25th

5:00-7:00pm – Check in all non-perishable static exhibits EXCEPT the following exhibits which will be checked in during their conference judging time: Cloverbuds, Exploring, Fiber Arts, Foods and Nutrition, Foods Preservation, Plant Science, STEM, Visual Arts and Crafts, Place Settings

\*Sewing and Textiles exhibits should return at this time

\*Buymanship entries will have the option to display a photo of the entry instead of returning.

### Friday, July 26th

7:30am-11:30am – Beef, Bucket Calf, Sheep, Meat Goat, Swine Check-In/Weigh-In

8:30am – Conference Judging: Photography

9:00am – Conference Judging: Place Settings (4-H Building)

10:00am - Conference Judging: Foods and Nutrition, Foods Preservation, Cookies for College (**scheduled by club**)

10:00am - Conference Judging: Exploring, Plant Science

11:00am – Rabbits must be on grounds

11:00am - Dairy Goat and Dairy Cattle must be on grounds, except Dairy Cattle in milk

11:30am – Conference Judging: Cloverbuds  
11:30am – Conference Judging: Booths/Banners  
12:30pm – Conference Judging: Notebooks and Interior Design and Architecture  
1:00pm – Conference Judging: Woodworking (Chief Building)  
1:30pm - Conference Judging: Visual Arts and Crafts  
1:30pm – Conference Judging: Forestry, Shooting Sports, Wildlife  
2:00pm – Conference Judging: Fiber Arts  
2:00pm – Conference Judging: Entomology (4-H Building)  
2:00pm – Conference Judging: Reading Adventures (4-H Building)  
3:00pm – Conference Judging: Electricity and Electronics, Small Engines, Renewable Energy (Chief Building)  
3:00pm – Conference Judging: Self-Determined (Chief Building)  
4:00pm – Conference Judging: Project Displays (4-H Building)  
4:00pm – Conference Judging: Geology (Chief Building)  
4:30pm – Conference Judging: STEM (4-H Building)  
5:30-7:30pm McPherson County Farm Bureau Rural Appreciation Picnic  
6:00pm – Live Food Auction of Food and Nutrition, Cookie Jars, fundraiser for 4-H Council (Tent)  
7:00pm – First Bank Kansas Kickoff Concert: Sam Shilts (Tent – Bring your own lawn chair)

### Saturday, July 27th

9:00am – Swine Show  
10:00am – Bicycle Rodeo  
1:00pm – Barnyard Olympics  
5:00pm – Sheep Show  
6:00pm – Meat Goat Show

### Sunday, July 28th

8:00am – Dairy Goat and Dairy Cattle Show  
9:00am – Beef Show

Bucket Calves to interview 15 mins after the conclusion of the beef show  
Bucket Calf show at conclusion of bucket calf interviews

10:00am- Free Breakfast (Tent)  
10:30am – Church Service (Tent)  
11:30am – Rabbit Show (Block Building)  
1:00pm – Poultry Show (Block Building)  
2:00pm – Hand Pet and Cat Show  
6:00pm – Ice Cream Social  
7:00pm – Round Robin

### Monday, July 29th

9:00am – Dog Show  
9:00am – Optional Livestock Check-Out Time for animals NOT going through the premium auction

9:00am – 12:00pm Walk through judging contest: Crops, Horticulture, Life Skills, Livestock Skillathon, Photography, Small Engines \*\*\*please begin with plenty of time to complete the contests before 12pm.

1:00pm – Poultry Judging Contest

6:00pm – Livestock Buyers Appreciation Dinner

6:45pm – Parade of Champions 7:30pm – Livestock Premium Auction

8:00pm – All exhibits released. LIVESTOCK must wait until the conclusion of the sale to leave premises.

### Tuesday, July 30th

9:00am-10:00am – All exhibits not picked up Monday night must be picked up at this time

10:30am – Fairgrounds clean-up – those participating in cleanup will have pizza provided at 12pm, with a swim party at 1pm (free tickets provided to McPherson Water Park)

# GENERAL RULES

## Entry

- PRE-ENTRIES ARE REQUIRED for those exhibits listed on the fair schedule under Thursday, July 18th.
- Pen reservations and YQCA certifications are also due at this time.
- Entry cards (one per exhibit) are available from the Extension Office and must be completed prior to judging. These can be picked-up and completed before arriving at the fair.
- CHECK SCHEDULE OF EVENTS FOR EXACT TIME EXHIBITS ARE TO BE IN PLACE.
- Each club member should make at least one exhibit of his/her project work. All exhibits must be the result of the exhibitor's current year project work and must be the work of the 4-H member. An exhibit can only be entered in one division. Classes are open only to McPherson County 4-H members.

## Pre-Entry Links:

Are located in the July 2024 newsletter on the McPherson County Extension site: <https://www.mcpherson.k-state.edu/>

## ENTRY CARDS

Entry cards are available from the Extension Office and must be filled out 1 per exhibit by the 4-H'er. They can be completed before arriving at the fair.

In addition to the entry cards, the following labels are required for these project areas and are available at the Extension Office.

- **Crops:** A label should be placed on the top or side of the jar. One per entry.
- **Foods and Horticulture:** A label should be placed on the bottom of the plates. One per entry.
- **Food Preservation:** A label should be placed one inch from the base of the jar. One per entry.
- **Entomology:** A label should be placed on the back of the box.

## Conference Judging

- Almost all departments use conference judging. 4-H'ers will sign up for a conference judging time, starting Thursday during check in. Because all judges work at different speeds, this time is an estimate. Please be prepared to go earlier or later. During conference judging, the judge will ask the 4-H'er questions, such as: Why did you chose this project/exhibit? What process did you use to make/build this exhibit? What would you do differently next time? Parents are welcome to sit with their child during conference judging, however, the 4-H member should do the talking – this is their project! If the parent is doing too much talking, the superintendent(s) or judge will ask the parent to leave.
- If the 4-H member is not present for the judging of their exhibit, the exhibit cannot and will not be considered for champion. The exhibit will, however, be given a ribbon of purple, blue, red or white and comments from the judge will be recorded as best as possible.

## Awards and Fees

- The Grand Champion awards will be presented during the Parade of Champions (Monday, July 29, 6:45 pm). All other awards will be presented at the time of judging. All exhibitors who have received a Grand Champion Rosette are invited to come show off their projects and receive their award. A purple, blue, red or white ribbon will be awarded to each meritorious exhibit. Green ribbons will be awarded to those exhibits not meeting standards. Premiums will be paid as follows: Purple - \$2.50, Blue - \$2.00; Red - \$1.50; White - \$1.00.
- Only purple ribbons can be named as class or age division Champion or Reserve Champion. (Exception: Livestock where only Blue, Red, White, Green ribbons are awarded). The judges' decisions are final. Judges may at their discretion not award champions, if they feel the entry or entries are not worthy.
- Exhibits brought to the fair for check-in after the assigned entry time will be automatically docked one ribbon color.

## DANISH SYSTEM

Judging is based on comparison to a standard, not on comparison to others in the class.

Judges may consider skill level based on age and circumstance, and expect a higher performance from older 4-H'ers, so there is some variance within the standard. Award groups are as follows:



**Purple Ribbon:** Superior quality. Usually reserved for the top two or three of the group, but not limited in number given.

**Blue Ribbon:** Excellent quality. The standards have been met. Above average work.

**Red Ribbon:** Average quality. Shows signs of quality but does not completely meet the standards. Some areas need further improvement.

**White Ribbon:** Below average quality. Does not meet the standards. Improvements needed.

Exhibiting is part of the 4-H educational experiences.

### Kansas State Fair Eligibility & Entry

- Purple ribbon exhibits will be chosen by judges to represent McPherson County at the Kansas State Fair. EXHIBITS IN STARRED CLASSES CANNOT BE TAKEN TO THE KANSAS STATE FAIR. State Fair exhibitors must be 9 years old before January 1, 2024. Exhibits from any fair or show other than the McPherson County 4-H Fair are NOT eligible to be exhibited at the Kansas State Fair (some animal projects qualify differently).
- Kansas State Fair entries must be made by each 4-H member by August 2 – THIS IS YOUR RESPONSIBILITY!
  - Horse and Livestock (Beef, Sheep, and Swine) entries are due July 15 to the Kansas State Fair Office. LIVESTOCK ENTRIES MUST BE DONE ONLINE.
- In order to participate in the judging contests at the KSF, 4-H'ers must first participate in the same contest at the 4-H Fair. Top exhibitors will be asked to compete on the State Fair teams. Exception: Livestock Judging – it is not offered at the county level.

### Overnight Policy

- If 4-H members wish to spend the night at the fairgrounds, at least one adult over the age of 25 must accompany them. All youth staying overnight must be McPherson County 4-H members – no exceptions. Drugs and/or alcohol use will not be tolerated by either the youth or adults. A release form must be completed for each youth staying, no later than 5 PM the night you plan to stay on grounds.

## Release of Exhibits

- Any exhibitor removing exhibits before the release time will forfeit their premium. Check each departments' rules for release time. If it is not listed, ask the department superintendent.

## Management

- The McPherson County 4-H Fair Board, under the supervision and approval of the McPherson County Extension Council Executive Board and the 4-H Program Development Committee, makes all rules and regulations and reserves the final and absolute right to interpret these rules and regulations. The Board will arbitrarily settle and determine all matters, questions and differences in regard thereto, or otherwise arising out of any connection with, or incident pertaining to the Fair. The rules of all Breed Associations, Department rules, and all applicable Kansas State statutes are in force at the McPherson County 4-H Fair. Violation of these rules will result in penalties. When no rule appears to cover the situation, or breed associations differ, the Fair Board will make a rule and define its application to the situation.
- The McPherson County 4-H Fair Management and Sponsors are in no way to be held responsible for any loss, damage, accident, injury or death from any cause, to persons, animals or exhibits.
- The 4-H Fairgrounds are a drug-free, safe environment. NO ALCOHOL, DRUGS, OR TOBACCO will be allowed on the 4-H Fairgrounds.

## Grievance Policy

- If a problem occurs and cannot be satisfactorily resolved with the department superintendent(s), then the complainant needs to complete a grievance form (available at the Extension Office). This completed form and a \$25 processing fee must be submitted to the superintendent. The superintendent will be required to immediately take the complaint to the Fair Board. The Fair Board is responsible for an immediate grievance hearing with at least three individuals from the Fair Board. The Grievance Committee's decision is final and not protestable.
- Complaints from superintendents may also be filed with the Grievance Committee.

- If the Grievance Committee finds in favor of the complainant, the \$25 will be refunded. If the Grievance Committee does not find in favor of the complainant, the \$25 fee will be donated to the Fair Fund through 4-H Council. If the grievance is not resolved to the complainant's satisfaction, then the decision can be appealed to the 4-H Fairboard as a whole at the next regularly scheduled meeting. This decision may be appealed to the 4-H Program Development Committee who will make a recommendation to the Extension Council Executive Board at their next regularly scheduled meeting. *All grievances must be made in writing.*
- The McPherson County 4-H Fair Board, under the supervision and approval of the McPherson County Extension Council Executive Board and the 4-H Program Development Committee, makes all rules and regulations and reserves the final and absolute right to interpret these rules and regulations.

### Liability

- Under Kansas Law there is no liability for an injury to or the death of a participant in domestic animal activities resulting from the inherent risks of domestic animal activities, pursuant to K.S.A. 60-4001 through 60-4004. Exhibitors and their associates assume all risk of participating in this domestic animal activity. Exhibitors are responsible to maintain insurance to cover any loss to persons or property which may occur as a result of competition. At no time will the McPherson County Fair Board Committee or Extension Council Executive Board assume care, custody or control of any animals, livestock and/or personal property of the exhibitor. At all times the exhibitors will have full control and custody and will care for, feed and keep safe their animals, livestock and personal property, all in accordance with the rules and regulations of the Fair Board Committee. The exhibitors will be responsible for and pay for any damages to the premises, facilities or equipment caused by the exhibitor and/or their livestock while on the premises.
- All exhibits are entered at your own risk. The Extension Council, Fair Board, superintendents or any other fair staff are not responsible for loss or damage to your exhibits.

# CLOVERBUDS

Superintendents: Quentin and Shelby Shaw

Judging Time: Friday, July 26th, 11:30am

1. Must be enrolled as a Cloverbud by May 1 to exhibit. Cloverbuds must be age 5 or 6 before January 1 of the current year to participate.
2. Cloverbuds may exhibit age appropriate activity related items from their Cloverbud experiences.
3. Cloverbuds may showcase a product, poster or notebook for the display.
4. A Cloverbud may showcase a maximum of four items.
5. Each Cloverbud who exhibits at the 4-H Fair will receive a rosette participation ribbon, no premiums and will not be competitively judged.
6. ALL cloverbud entries must be entered in the Cloverbud department, NOT other project departments.
7. Cloverbuds may sign up beginning Thursday evening for a time to “show and share” their item(s). Show and share will take place on Friday, July 26th at 11:30 am in the 4-H building. Bring all items with you to your show and share time.

\*Class 300 : Cloverbuds

# OPEN TO ALL 4-H MEMBERS

## BARNYARD OLYMPICS

*Superintendents:  
McPherson County 4-H Ambassadors*

Entry Due: Watch for more entry information soon  
Date: Saturday, July 27th, 1:00 pm  
Location: Show Arena

1. Each team will consist of 4 members. Each team must meet the following criteria:
  - One member between 12 and 18 years of age
  - One member under 12 years of age
  - Two other members
    - OPTIONAL – ONE member over 20 years of age
2. Stations will vary at the superintendents' discretion. Some past stations have included: hay stacking, bucket brigade, bucket toss, show stick kick, brush toss, water balloon toss and shovel race.
3. This will be a timed event and the time will end when the last station is completed and the runner reaches the finish line. The team with the fastest time will be declared the winner.

# Department AA

## Cookies For College

*Superintendents:*  
*Jenny Smith*

Entry Time: Friday, July 26 – During Conference Judging  
Judging Location: Extension Office Meeting Room  
Judging Time: Friday, July 26 – 10:00am during Foods Judging at  
your 4-H Club's specified time  
Conference Judged  
Exhibit Location 4-H Building  
Release Time: Sold at Food Auction, Friday, July 26 – 6:00 pm

1. The following awards may be presented in this department: prizes will be awarded to the top 2 jars.
2. Read "General Rules."
3. Decorated Cookie Jars can be done as a team or as an individual. Every club is encouraged to participate. Each club can submit one cookie jar as a team.
4. Use a gallon jar. These may be obtained from restaurants, school cafeteria, etc. See through jars are preferred. The Extension Office may have some available for this project!
5. The jar must be filled with no less than 6 different varieties of cookies. For example: sugar, chocolate chip, peanut butter, etc. Additionally, one cookie of each kind should be brought on a covered plate for judging. (Hint: Think of the theme for your jar – correspond your cookie flavors with the jar theme – all sugar-free, all fruit cookies, etc.)
6. The jars may be decorated with paints or materials. Cookies must be visible through at least 50% of the jar. Each cookie should be wrapped separately in clear plastic wrap
7. Include a total of no less than 25 cookies for all recipes.
8. Bring 1 of each kind of cookie on a covered plate or box with each cookie individually identified and wrapped in plastic wrap so the judge will not need to open the jar.
9. Recipes for each cookie must accompany the exhibit.
10. The jar will count for 50% and the cookies will count for 50% during the judging.
11. One jar will be then chosen as an Endowment Jar to be sold for the purpose of building the 4-H Scholarship Program at the Food Auction on Friday at 6:00pm.
12. All jars will be sold at the Food Auction on Friday at 6:00pm. All proceeds from the other jars will go to McPherson County 4-H Council Fund.

\*Class 1150 – Cookies for College

# Department AB

## JUDGING CONTESTS

*Superintendents:*  
*Crops: Jon Corn, Sheila Corn*  
*Horticulture: Sheila Corn*

*Life Skills: \_\_\_\_\_*  
*Livestock Skill-a-Thon: \_\_\_\_\_*  
*Photography: Robin Johnson*  
*Poultry: Sheila Corn*  
*Small Engines: \_\_\_\_\_*

### Monday, July 29

9:00-12:00 pm

Crops, Horticulture, Life Skills, Livestock Skill-a-Thon  
Photography (Extension Office Meeting Room),  
Small Engines Judging (Chief Building)

1:00 pm

Poultry (Extension Office Meeting Room)

1. 4-H'ers must sign up in the Extension Office and receive a judging punch card prior to completing any contests. This card must be presented at each contest to verify your name, age and participation, then turned in to the office following your final test.
2. The following awards may be presented in this department: medals to the top 2 high individual scores in each judging contest for each age division: Junior (7-9), Intermediate (10-13) and Senior (14 & older); jacket and a medal to the Overall Judger in each age division: Junior (7-9), Intermediate (10-13) and Senior (14 & older). All awards will be given at the end of the year 4-H Achievement Night.
3. To be considered for the Overall Judger Award the 4-H'er must participate in all 7 contests.
4. The Overall Judger Awards will be determined from a composite score of all contests added together.
5. In case of a tie the reasons scores will be used to break the tie.
6. Contests are an individual experience. No adults will be allowed to walk through stations with 4-H'ers. There will be contest assistants available should a child have questions or need information read to them.
7. The Small Engines Judging Contest will be a walk-in contest meaning the 4-H'er can judge on his/her own, anytime during the scheduled time. *Please allow yourself enough time to finish by 12:00 pm.*
8. Crops, Horticulture, Life Skills, Livestock Skill-a-thon and Photography Judging Contests will be walk-in contests meaning the 4-H'er can judge on his/her own, anytime during the scheduled time. *Please allow yourself enough time to finish by 12:00 pm.*
9. The Poultry Contest will be done in a controlled format meaning the 4-H'er must be present at the start time to judge.
10. In order to participate on a state judging team the 4-H'er must participate

in the respective 4-H Fair Judging Contest. Team membership will be offered to intermediate and senior participants based on judging scores. 4-H Juniors who are 9 years old may be asked to participate at the superintendent's discretion.

11. The individual (16-18 years old) with the highest overall score in the Crops, Horticulture, Livestock Skill-a-Thon and Poultry Judging Contests will be given the opportunity to compete in the Ag Challenge of Champions at the Kansas State Fair.
12. Answers to the judging contests will be available at the Extension Office.



# Department AC TALKS & DEMONSTRATIONS

*Superintendent:*

Pre-Entry: Please enter by July 18th at 5:00pm, *view the July newsletter for registration link*

Judging Time: Monday, July 22 – 4:30pm

Location: McPherson Community Building

1. 4-H'ers will sign up for a time during pre-registration.
2. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. A club member may have one entry per class.
5. A demonstration shows a step by step procedure and explains why each step is essential to develop a particular skill or task. The Illustrated Talk incorporates the use of visual aids (posters, technology supplies, equipment, etc.) that describes the process of the topic being discussed. A project talk should tell about a specific project and the experience in the project. Visuals may be used.
- 6 . Length: Minimum time is 3 minutes and the maximum is 15 minutes. The demonstration or illustrated talk should be of sufficient length to cover the topic adequately.
- 7 . A 4-H'er must receive a purple ribbon and meet the Kansas State Fair age requirement to be eligible to compete at the Kansas State Fair.
- 8 . 4-H exhibitors (individual or group) should avoid using copyrighted materials whenever possible by originating his/her work. Copyrighted and/or trademarked materials utilized in banners, displays, demonstrations, posters or other activities for endorsement or promotion instead of educational purposes will be disqualified and will not be displayed or receive ribbons or premium. This includes the use of the K-State Research and Extension logo and 4-H Clover, use of these items must follow the brand codes for use.

Class 331 - Demonstration, Illustrated or Project Talk- Talk by an individual

Class 332 - Demonstration, Illustrated or Project Talk- Talk (limited to 2 people).

# PROJECT DEPARTMENTS

## Department A VISUAL ARTS & CRAFTS

*Superintendents: Rhonda Toews Moore*

Entry Time: During Conference Judging  
Judging Location: 4-H Building  
Judging Time: Friday, July 26 – 1:30 pm  
Conference Judged

**LIMITS:** *4-H'ers may enter a total of 6 entries with no more than 2 exhibits per medium or craft area. (For example: 4-H'er may enter 2 exhibits in ceramics, 1 3D Item, 1 Duct Tape, 2 leathercraft, etc. for a total of 6.)*

1. 4-H'ers will sign up for a conference judging time Friday morning.
2. The following awards may be presented in this department:
  - Arts-Grand Champion and Reserve Grand Champion (from class 2501-2503)
  - Crafts-Grand Champion and Reserve Grand Champion (from class 2504-2505)
  - Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. Each 4-H'er needs to define for themselves if their exhibit is an Art or a Craft. The judge will accept your decision, however, each 4-H'er may be asked to explain why the exhibit is an Art or a Craft.
5. All exhibits which need to be hung **MUST** have a wire or saw tooth hanger attached (no string or tape) in order to be properly displayed. If necessary hardware is not attached, it may not be displayed.
6. **FOR 2024**, an award option will be added for selection to display at the McPherson Public Library during McPherson 4-H's Highlight for the Month of December. Entries that can be "wall-hung," such as paintings, window decorations, etc. can be considered for this selection.
7. Exhibits for the Kansas State Fair will be selected by the judges (one per class 2501-2505). If a class is not represented, the judge *may choose* to substitute an extra entry in another class to fill the quota of five entries per county. Again, this is at the judge's discretion.

\*Class 2501 – Fine Arts

\*Class 2502 – Clay & Ceramics

\*Class 2503 – Leather & Jewelry

\*Class 2504 – Three-Dimensional

\*Class 2505 – General Crafts

\*Class 2506 – Duct Tape Item

\*Class 2507 – Lego Display

# Department B BICYCLE RODEO

*Superintendent: Jeff and Jennifer Wells*

Entry Time: Saturday, July 27 – 9:30 am  
Location: Extension Office Parking Lot  
Judging Time: Saturday, July 27 – 10:00am  
Release Time: Immediately Following Award Presentation

1. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion in the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions. Exploring members will compete for ribbons only, not Champion.
2. Read “General Rules.”
3. Open to 4-H’ers enrolled in Bicycle, Exploring or Health & Wellness projects.
4. 4-H’ers must provide their own bicycle and helmet.
5. The Bicycle Rodeo will consist of riding events plus a written test. 4-H’ers can do some or all of the classes. The written test is required to be eligible to compete for the Grand Champion and Reserve Grand Champion awards.

## Exploring

- \*Class 3401 - Written Test
- \*Class 3402 - Maneuvering & Weaving
- \*Class 3403 - Balance at Slow Speed
- \*Class 3404 - Signaling
- \*Class 3405 - Steering & Balance

## Junior (Ages 7-9)

- \*Class 3406 - Written Test
- \*Class 3407 - Maneuvering & Weaving
- \*Class 3408 - Balance at Slow Speed
- \*Class 3409 - Signaling
- \*Class 3410 - Steering & Balance

## Intermediate (Ages 10-13)

- \*Class 3411 - Written Test
- \*Class 3412 - Maneuvering & Weaving
- \*Class 3413 - Balance at Slow Speed
- \*Class 3414 - Signaling
- \*Class 3415 - Steering & Balance

## Senior (Ages 14 & Older)

- \*Class 3416 - Written Test
- \*Class 3417 - Maneuvering & Weaving
- \*Class 3418 - Balance at Slow Speed
- \*Class 3419 - Signaling
- \*Class 3420 - Steering & Balance

# Department C BOOTHS and BANNERS

*Superintendent: Holly Toll*

Entry Time: Thursday, July 25 – 5:00pm-  
7:00pm  
Location: Chief Building  
Sunday, July 23 – 11:30 am

**EACH 4-H CLUB IS STRONGLY ENCOURAGED TO ENTER  
AT LEAST ONE CLUB BOOTH OR BANNER.**

1. Space reservations for Booths and Banners are due July 18th.
2. 4-H'ers will sign up for a conference judging time when they enter their exhibit. If it is a club entry then the 4-H'ers who put the exhibit together should be present for the conference judging.
3. The following awards may be presented in this department:
  - Individual Project Booth-Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
  - Wheat Variety Booth-Grand Champion.
  - Club Booth, Club Banner Champion and Reserve Champion may be selected for each one. Grand Champion Club Booth and Club Banner are not selected.
4. Read "General Rules."
5. Care should be taken to avoid violating Copyright laws. Please refer to the brand guidelines for use of the 4-H Clover and K-State Research and Extension logos.
6. Entries should illustrate some phase of work that is being practiced by the club or individual or is being promoted within the county.
7. The work on Club Booths and Club Banners must be done by the 4-H'ers. Adult leaders can assist the youth, but the 4-H'ers must do the majority of the work themselves.
8. The booth size is approximately 6 feet by 6 feet. The club or individual should furnish their own platform if one is needed. Partitions and a back will be furnished.
9. Each entry may request \$15.00 incentive money. You must call the Extension Office to ask to receive the incentive money.

### Wheat Variety Plot Displays

The free standing displays must not exceed the overall dimensions of 36" wide x 36" high x 18" deep. Care should be taken to use durable materials that will withstand fair conditions. Displays must not require the use of electricity. For more information, see the Kansas State Fair book or contact the Extension Office.

### Banners

Banners are to be a two-dimensional display depicting one idea. Banners should be made of materials that permit the banner to be folded or rolled without damaging the display. Three-dimensional objects cannot be attached to the banner. It is encouraged that banners be made from flame-resistant material. Dimensions are to be no less than 12 square feet and no more than 16 square feet, with no side less than 3 feet. Banners must be on a rod strong enough to support the banner. Your club name should be visible on the front of the banner or on a label hanging from the banner. Be careful as you put your banner together that you are not in violation of copyright laws, including the use of the 4-H Clover and K-State Research and Extension Logos. If you feel it is in question, please contact the Extension Office for clarification.

Banners are not a State Fair class, but may be used for other county events and 4-H promotions throughout the year.

### Basis for Awards

**Educational Value** – Is the main idea of the display specific? Was the title or theme emphasized? Is the idea presented so clearly, so simply, so forcefully, that it will stop the casual observer? If the passerby stopped, did the display give the observer additional facts in a clear, concise way?

**Quality of Display Material** – 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.

### Individual Booth

50% - Educational Value

40% - 4-H'ers Knowledge of Booth and Project

10% - Quality of Display Material

### Club Booth and Club Banner

70% - Educational Value

30% - Quality of Display Material

Booths

\*Class 2401 - 4-H Club Booth

\*Class 2402 - Wheat Variety Booth

\*Class 2404 - Individual Project Booth

### Club Banners

\*Class 2403 - 4-H Club Banner

Department D  
SEWING AND  
TEXTILE DESIGN  
*Superintendents:*

Entry Time: Monday, July 22<sup>nd</sup>, 1:00pm  
Location: Extension Office Meeting Room  
Judging Time: Monday, July 22 – 1:00 pm  
Conference Judged

***LIMITS:*** 4-H'ers may enter 2 exhibits in each class. No garments may be entered in more than 1 class.

1. 4-H'ers will sign up for a conference judging time at check-in at 1pm.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected in each age division.
3. Read "General Rules."
4. An Article is an item constructed in this project such as a pillow, quillow, backpack, laundry bag, garment bag, PJ's holder or other items. They can be hand or machine sewn and could include appliqué or machine embroidery.
5. A Garment can be a skirt, vest, blouse, shirt, slacks, dress, coat, jumper, etc.
6. A Two-Piece Outfit is two pieces that can be worn together at the same time but not necessarily a complete outfit. For example: a vest and skirt.
7. A Three-Piece Outfit means that at least two of the pieces can be worn together at the same time. The third piece could be worn with one or both, but not necessarily at the same time. This does not have to be a complete outfit. For example: three pieces not worn at the same time could be a skirt, blouse and pants, or one skirt and two blouses. All three must be made by the 4-H'er. Do not exhibit purchased items.
8. A Recycled Clothing Project is an item made of at least 50% recycled material (recycled means reusing an existing item in a new way). This could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. It must include sewing of some kind. A 3"x5" index card MUST accompany the entry describing the recycled materials and how they were used in the item.
9. In the Educational Exhibit Class the 4-H'er should share with others what they have learned in this project. Exhibits may be in the form of a poster, notebook or display. No card table displays are allowed. If the exhibit is a poster, it must not be larger than 22"x30". If the exhibit is a display, the maximum size is a commercial 3'x4' tri-fold display board. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Care should be taken to use durable materials that will withstand fair conditions. The 4-H'ers name and county must be clearly marked on the Educational Exhibit. See suggestions in

- the “Going Further” section of the notebook lesson plan for ideas.
10. Items must be of the same difficulty and skill level as the level you are enrolled. Ribbon placing may be reduced if skill level does not meet the level you are enrolled in.
  11. Pre-cut kits are acceptable for all clothing classes. All items must be finished for use.
  12. Garments may have been worn previously but must be carefully laundered before exhibiting.
  13. Place the entry form on the front left shoulder seam or on the left side of the waistband of the garment.
  14. Items should be hung on swivel or wire hangers. The hanger opening should be facing to the left so that the hanger opening faces the attached entry form.
  15. Care labels are not required, however, 4-H’ers should know the care of their garment.
  16. 4-H’ers are to bring the pattern for each entry to the conference judging.
  17. Constructed clothing items used in the Fashion Revue must return to be displayed at the 4-H fair.

### Junior (Ages 7-9)

- Class 0801 - Article
- Class 0802 - Garment
- Class 0803 - Two-Piece Coordinated Outfit
- Class 0804 - Recycled Clothing Project
- Class 0805 - Educational Exhibit

### Intermediate (Ages 10-13)

- Class 0806 - Article
- Class 0807 - Garment
- Class 0808 - Two-or-More-Piece Coordinated Outfit
- Class 0809 - Recycled Clothing Project
- Class 0810 - Educational Exhibit

### Senior (Ages 14 and Older)

- Class 0811 - Article
- Class 0812 - Garment
- Class 0813 - Two-or-More-Piece Coordinated Outfit
- Class 0814 - Recycled Clothing Project
- Class 0815 - Educational Exhibit

# Department E

## DOG

*Superintendent:  
Rebecca Dean*

Entry Time: Monday, July 29 – 8:30 am  
Location: To Be Determined  
Judging Time: Monday, July 29 – 9:00 am  
Release Time: Immediately After Show

1. The following awards may be presented in this department:
  - Junior Obedience-Grand Champion (top score from Pre-Novice A & B classes).
  - Senior Obedience-Grand Champion (top score from Novice, Graduate Novice, Open and Utility classes).
  - Agility-Grand Champion.
  - Rally Obedience-Grand Champion.
  - Beginner, Junior, Intermediate and Senior Showmanship-Grand Champion.
  - Each class-Champion may be presented.
2. Read “General Rules.”
3. 4-H’ers must be currently enrolled in the 4-H Dog Project and are required to have trained their own dog(s).
4. All dogs must be six months of age or older by show date to be entered.
5. All classes are open to mixed breed or purebred dogs.
6. A dog may be entered in only one obedience class. Rules are in the “Kansas 4-H Dog Show Rule Book.”



7. 4-H'ers will be required to present proof of immunization of bordetella, distemper, hepatitis, parvovirus, parainfluenza and rabies at the time the entry is turned in. The rabies vaccination must be administered by a graduate, licensed veterinarian. All vaccinations must be current. Female dogs in season will not be allowed to show, nor allowed on the premises.
8. The exhibitor is responsible for handling, grooming and exercising their own dog(s) on the show grounds, otherwise disqualification will result.
9. Dogs must be on a leash at all times, except during "off leash" exercises.
11. No one is allowed in the show ring until the time of the show.
12. Dogs need to be at the show only during the time of the showing unless selected for higher competition.
13. The Dog Show will begin with Showmanship classes (Seniors first), followed by classes 2305-2312.
14. Excessive aggressiveness or fouling in the ring will result in an automatic white ribbon.
15. No baiting of dogs and no squeak toys may be used. If baiting is done it will be an automatic disqualification.
16. Dogs 12 inches and under can be shown on a table.
17. The Dog Show will follow the rules as stated in the "Kansas 4-H Dog Show Rule Book." Please refer to this reference for further information.
18. Once a 4-H'er gets a qualifying score under two different judges the 4-H'er must advance to the next obedience level at the start of the next 4-H year.

### Showmanship

- Class 2301 - Senior Showmanship (15 & Older)
- Class 2302 - Intermediate Showmanship (12-14)
- Class 2303 - Junior Showmanship (9-11)
- \*Class 2304 - Beginner Showmanship (7-8)

### Obedience

- \*Class 2305 - Pre-Novice A
- Class 2306 - Pre-Novice B
- Class 2307 - Novice
- Class 2308 - Graduate Novice
- Class 2309 - Open A
- Class 2310 - Open B
- Class 2311 - Utility A
- Class 2312 - Utility B

### Agility

- Class 2313 – Level I
- Class 2314 – Level II
- Class 2315 – Level III

### Rally Obedience

- \*Class 2316 – Level I (On Leash)
- Class 2317 – Level II (Off Leash)
- Class 2318 – Level III

# Department F ENERGY MANAGEMENT

## Division F1 ELECTRICITY & ELECTRONICS

*Superintendent: Dave Moore*

Entry Time: Thursday, July 25th – 5:00pm-  
Location: 7:00pm Chief Building  
Judging Time: Friday, July 26 – 3:00 pm  
Conference Judged

**LIMITS:** 4-H'ers may enter a total of 4 exhibits in this division.

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. If the article has been used then it should be cleaned before exhibiting.
5. Projects entered in class 2701, 2702 and 2703 must be operable using only 110 or 120V AC or battery power. If battery power required, batteries should be furnished.
6. Any project with a complexity of size or electronics must have 1) instructions for assembly and use and 2) equipment available at the time of judging for actual testing of the exhibit.

### Class 2701 - AC Electric Projects

Electric projects with a 110 or 120 V alternating current (AC) power source; no 240 V exhibits are allowed. Examples include household wiring demonstration, small appliances extension cords, trouble lights, indoor or outdoor wiring boards or shop lights. Projects may be a restoration or an original construction. Projects must be operational and meet minimum safety standards. Projects must be constructed so that the judges have access to examine the quality of workmanship.

### Class 2702 - DC Electric Projects

Electric projects with a battery or direct current (DC) power source. This class includes electric kits or original projects and demonstration DC powered projects. Examples include wiring two- or three-way switches,

displaying the difference between series/parallel lighting circuits or wiring doorbells switches. All DC electric projects must work with batteries supplied by the 4-H'er. Projects must be constructed so that the judges have access to examine the quality of wiring workmanship.

#### Class 2703 - Electronics Projects

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

#### Class 2704 - Educational Displays and Exhibits

The purpose of the educational display and exhibit is to educate the viewer on a specific area of the 4-H Electrical or Electronics projects. The display or exhibit should illustrate one basic idea. This class includes any educational displays and exhibits or science fair type displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology. Educational displays and exhibits must be legible from a distance of four feet, using a maximum tri-fold size of 3'x4'.

Division F2  
SMALL ENGINES  
*Superintendent: Dave Moore*

Entry Time: Thursday, July 25 – 5:00-7:00pm  
Location: Chief Building  
Judging Time: Friday, July 21 – 3:00 pm  
Conference Judged

**LIMITS:** 4-H'ers may enter 1 exhibit in each class.

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. Displays may be upright or on the floor and are limited to 4' wide by 4' deep. The maximum tri-fold size is 3'x4'.

**Beginner, 1-2 years in Small Engines**

**Class 4201 - Display**

Select one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the functions 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 the experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display.

**Class 4202 - Maintenance Display**

The display can illustrate 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.

**\*Class 4203 - Safety Poster**

These posters are to pertain to lawn mowers and all other types of small engine equipment.

**\*Class 4204 - Operation Poster**

List operation procedures for winter storage, spark plug maintenance and other things listed in the First Year Manual.

## Advanced, 3 or more years in Small Engines

### \*Class 4205 - Rebuild or Repair a Small Engine

Must have engine type, model and serial number and whether 2 or 4-cycle engine. Exhibit must include a "4-H Small Engine Exhibit Information Form" which should be attached to the outside of a 10"x13" envelope. 4-H'er must also include plans of maintenance to the small engine. Before and after pictures are recommended. Engine must be displayed.

### Class 4206 - Display

Select one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the functions 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 the experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display.

### Class 4207 - Maintenance Display

The display can illustrate 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.

### Class 4208 - Operation

Exhibit an operable small engine (no more than 20 hp) overhauled or rebuilt by the 4-H'er. Include a maintenance schedule for the engine and a brief description of the steps taken by the member in overhauling or rebuilding the engine.

## Division F3 RENEWABLE ENERGY

*Superintendent: Dave Moore*

Entry Time: Thursday, July 25, 5:00-7:00pm  
Location: Chief Building  
Judging Time: Friday, July 26 – 3:00 pm  
Conference Judged

- 1.4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. Renewable Energy is a form of energy derived from a natural source, such as the sun, geothermal, wind, tides or waves.
5. All exhibits in this division will be a display with the maximum size being a commercial 3'x4' tri-fold display board. Items may not extend beyond 12" from the back board. All displays must be self-standing.

### Class 4209 - Educational Display

Create a display that addresses a topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.

### Class 4210 - Experiment Display

Create a display of an experiment that addresses a problem or question related to power generated from a renewable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions and recommendations for future study.

# Department G ENTOMOLOGY

*Superintendent: Glory Benacka*

Entry Time: Thursday, July 25– 5:00pm- 7:00pm  
Location: 4-H Building  
Judging Time: Saturday, July 27 – 2:00 pm

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected in each class.
3. Read "General Rules."
4. All entries should be submitted in an 18 x 24 x 3.5 inch wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased as long as they are of the correct size.
5. 4-H'ers may choose to use one of two taxonomies: a) As printed in "Insects in Kansas Book" or b) as printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net)
6. Each exhibitor is required to identify each box with two identification labels bearing Exhibitor's name, county or district, the collection class 4-H'er is enrolled in and statement of taxonomy used:  
One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so the box can be displayed lengthwise.
7. The number of orders, specimens (and families where required) must be included on both of the exhibitor's box identification labels. Only one adult insect per species can be used in the Collection Boxes and Notebook Classes, unless labeled as male or female and correctly identified.
8. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Specimens are to be arranged by Order in the box, then Family where required.
9. Two labels should be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality. Full county name and state abbreviation should be on the second label. Collector's name (or host) on the date/locality label is optional.
10. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Please refer to "Entomology Collection Exhibit Resource" for full details on out of state insects and collections.
11. Only specimens of the class Insecta should be included.

12. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
13. Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.
14. Educational Exhibits (classes 2804, 2806 and 2808)
  - a. All entries should be submitted in an 18 x 24 x 3.5 inch wooden display box with a clear plastic top (such as plexiglass). Boxes can be handmade or purchased as long as they are of the correct size. Arrange display in the box so the box can be displayed lengthwise.
  - b. Each exhibitor is required to identify each box by placing two identification labels bearing exhibitor's name, county or district and the class in the box. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Information on numbers and kinds of insects is not needed for educational exhibits.
  - c. Displays may consist of specialized groups of insects or their close relatives, or relate to any aspect of their behavior, biology or ecology.
  - d. Displays should be presented in a clear, concise, and interesting manner.
  - e. Displays should include only work performed during the current year.
  - f. Title of the exhibit should be indicated inside the box.
  - g. The purpose of the project is to learn more about the importance, life cycles, biology, ecology, diversity, etc. of insects and related arthropods. Subject matter can be as varied as the animals themselves.
  - h. Creativity is encouraged!

### Introductory Entomology

#### \*Class 2801 - Insect Collection

Display at least six orders including 15 to 30 insects to be shown in two cigar boxes or a standard box and grouped according to order. Insect names are not necessary on individual specimens but date/locality labels are required. Order labels should be pinned to the base of the box.

### Beginning Entomology 1

#### Class 2802 - One box

Display a minimum of 50 specimens and a maximum of 125 specimens representing at least seven orders. Limitations: 4-H'ers may exhibit in this class for up to three years or until a purple ribbon is received at the State Fair, whichever comes first.

### Beginning Entomology 2

#### Class 2803 - One box

Display a minimum of 75 specimens and a maximum of 150 specimens representing at least nine orders. Family identification is not required. Limitations: 4-H'ers may exhibit in this class for up to three years or until a purple ribbon is received at the State Fair, whichever comes first.

#### Class 2804 - Educational Exhibit



## Intermediate Entomology

### Class 2805 - Collection

Display a minimum of 100 specimens and a maximum of 300 specimens representing at least ten orders. Two standard boxes can be used. Specimens should be grouped according to order. Family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

- a) "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
- b) "Insects in Kansas Book: 2016 Revised Taxonomy ", which follows [www.bugguide.net](http://www.bugguide.net) - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

On a piece of paper list what you did to improve your collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided in this project; and/or what insects you have studied. Attach paper to the *front* of one of the display boxes.

Limitations: 4-H'ers may exhibit in this class a maximum of three years .

### Class 2806 - Educational Exhibit

## Advanced Entomology

### Class 2807 - Collection

Display a minimum of 150 specimens and a maximum of 450 specimens representing at least twelve orders. Three standard boxes can be used. Family identification is required for all insects belonging to the six basic orders as outlined in Class 2805. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. On a piece of paper list what you did to improve your collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided in this project and/or what insects you have studied. Attach paper to the back of one of the display boxes.

### Class 2808 - Educational Exhibit

## Entomology Collection Notebooks

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. 4-H member may choose one of two taxonomies:
  - a. as printed in "Insects in Kansas" book or
  - b. as printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows [www.bugguide.net](http://www.bugguide.net)
3. 4-Hers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the Introductory phase.
3. Each exhibitor is require to identify the notebook by placing a Title Page

in the front of the notebook bearing the exhibitors name, county or district and class 4-H'er is enrolled in and statement of taxonomy used: a. "Insects in Kansas" book or b. "Insects in Kansas Book: 2016 Revised Taxonomy ", which follows [www.bugguide.net](http://www.bugguide.net) The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page. 4. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used. 5. Date, common name, full county name 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. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.

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

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

#### \*Class 2809 - Introductory Entomology Collection Notebook

Display a minimum of 10 and a maximum of 30 insect species representing at least 6 different orders. Follow the general guidelines listed for Notebooks, including the Special project. A 4-H member must be of minimum age to compete at the Kansas State Fair. A 4-H member may exhibit in this class for a maximum of two years.

#### Class 2810 - Beginning Entomology Collection Notebook

Display a minimum of 20 and a maximum of 60 insect species representing at least 7 different orders. Follow the general guidelines listed for all Notebooks, including the Special project. Members can exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

### Class 2811 - Intermediate Entomology Collection Notebook

Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

a. "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or

b. "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net) - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

Members can exhibit in this class a maximum of 3 years. A 4-H'er may move up if they receive a purple ribbon.

### Class 2812 - Advanced Entomology Collection Notebook

Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general rules listed for Notebooks, including the Special project. Follow the general guidelines listed for Notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

## Department H EXPLORING

*Superintendent: Shelby Shaw  
& Quentin Shaw*

Entry Time: Friday, July 26th – During Conference Judging  
Location: 4-H Building  
Judging Time: Friday, July 26 – 10:00 am Conference Judged

**LIMITS:** 4-H'ers may enter a total of 6 exhibits with no more than 2 entries per class. This Department is reserved for 1st and 2nd year project members.

1. 4-H'ers will sign up for a conference judging time at check-in.
2. Read "General Rules."
3. All Exploring Food exhibits will be judged by the Exploring Judge.
4. Exhibits must be similar to those suggested.
5. The 4-H'ers exhibits will be displayed as a unit.

\*Class 2901 - Foods

A baked food item such as a nutritious snack (1 cup), cookies (4), etc. Recipes should be included with the food items.

A Menu Poster which would include meals for one day, showing how to meet four food groups. The poster should not be larger than 16"x20".

\*Class 2902 - Sewing

Any item that is made using hand-stitching or straight stitching on a sewing machine. Examples include an oven mitt, T.V. slippers, dresser scarf, tote bag, sewing tool caddy, pin cushion, etc.

\*Class 2903 - Scrapbook, Photo Story or Photo

Standard size prints (4x6) with three prints mounted on a photo board. See Photography Department rules for mounting procedures. Photo boards are available at the Extension Office.

\*Class 2904 - Outdoor

Examples include nature rubbings, display of insects, rocks, etc.

\*Class 2905 – Constructed

Examples include woodworking, bird house, models, foot scraper, rocketry, metal item, etc.

\*Class 2906 – Terrarium or Horticulture

\*Class 2907 – Cut Flower, Flower Arrangement or Houseplant

\*Class 2908 – Arts and Crafts

\*Class 2909 – Geology

\*Class 2910 – Small Animal

\*Class 2911 – Place Settings

See Foods & Nutrition Department, Place Settings Division for rules.

#### Also Available for Explorers

\*Class 0905 - Girls Buymanship

\*Class 0915 - Boys Buymanship

See Fashion Revue Department for rules. Judging is Monday, July 22 – 1:00 pm. Public Fashion Revue is Monday, July 22 – 4:30 pm.

\*Class 3401 - Bicycle Rodeo Written Test

\*Class 3402 - Bicycle Rodeo Maneuvering & Weaving

\*Class 3403 - Bicycle Rodeo Balance at Slow Speed

\*Class 3404 - Bicycle Rodeo Signaling

\*Class 3405 - Bicycle Rodeo Steering & Balance

See Bicycle Rodeo Department for rules. Event is Saturday, July 27 – 10:00am

# Department I FASHION REVUE

*Superintendents:  
Brittany Mann*

Fashion Revue Judging

Entry Time: Monday, July 22 – 1:00 pm  
Location: Extension Office Meeting Room  
Judging Time: Monday, July 22 – 1:00 pm

Public Fashion

Monday, July 22 – 4:30 pm  
Location: MP Community

**LIMITS:** *Construction: 4-H'ers may enter 2 construction items and 1 Fiber Arts item for a maximum of 3 entries. Buymanship: 4-H'ers may enter 1 time in each class for a maximum of 3 entries.*

1. The following awards may be presented in this department:
  - Clothing Construction-Grand Champion and Reserve Grand Champion,
  - Girls Buymanship-Grand Champion and Reserve Grand Champion,
  - Boys Buymanship-Grand Champion and Reserve Grand Champion,
  - Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions. Champion will not be selected for Exploring.
2. Read "General Rules."
3. This department is open to 4-H'ers enrolled in Clothing Construction or Buymanship.
4. 4-H'ers will model only what can be worn; garments cannot be carried. They should use good sense in choosing items that are appropriate to be modeled publicly.
5. Garments must be modeled by the 4-Her with the exception of Clothing Construction Classes where one entry may be sewn for and modeled by another individual. These entries will be judged on fit and the seamstress' knowledge of the entry and not eligible for Champion.
6. Getting the Most for Your Money: For Juniors and Intermediates the complete outfit must be purchased for under \$50. For Seniors it must be under \$75. This is to include shoes and accessories. Gift items are not to be worn as part of the outfit. Receipts are required for this class.
7. Forms that will need to be completed are the Fashion Revue Script Form (All Ages), the Cost per Wear Form (Intermediates and Seniors), and the Evaluation Score Card Form (All Ages). Email the script to [tregehr@ksu.edu](mailto:tregehr@ksu.edu) or bring to the office by July 18. All other Fashion Revue forms can be brought with you to the Fashion Revue judging.
8. Items must be on display at the fair following the public revue. Garment bags are available for \$1.00 at the Extension Office if needed.

## **KANSAS STATE FAIR QUOTA/SELECTION:**

- Each 4-H member may compete in only one State Fair class. -  
Each County Extension Council may enter two contestants per  
State Fair Class:

- 6000 For 4-H members, age 14-18, enrolled in the Sewing & Textile Design project.
- 6005 For 4-H members, age 10-13, enrolled in the Sewing & Textile Design project
- 6010 For 4-H members, age 14-18 enrolled in the Shopping in Style project.
- 6020 For 4-H members, age 10-13, enrolled in the Shopping in

### **Clothing Construction**

Class 0901 - Junior (ages 7-9)

Class 0902 - Intermediate (ages 10-13)

Class 0903 - Senior (ages 14 & older)

Class 0904 - Clothing Articles Made in Fiber Arts

### **Girls Buymanship**

#### **Exploring**

\*Class 0905 - Exploring

#### **Junior (Ages 7-9)**

\*Class 0906 - School or Casual Wear

\*Class 0907 - Dress-Up

\*Class 0908 - Getting the Most For Your Money

#### **Intermediate (Ages 10-13)**

\*Class 0909 - School or Casual Wear

\*Class 0910 - Dress-Up

\*Class 0911 - Getting the Most For Your Money

#### **Senior (Ages 14 & Older)**

Class 0912 - School or Casual Wear

Class 0913 - Dress Up

Class 0914 - Getting the Most for Your Money

### **Boys Buymanship**

#### **Exploring**

\*Class 0915 - Exploring

#### **Junior (Ages 7-9)**

\*Class 0916 - School or Casual Wear

\*Class 0917 - Dress-Up

\*Class 0918 - Getting the Most For Your Money

#### **Intermediate (Ages 10-13)**

\*Class 0919 - School or Casual Wear

\*Class 0920 - Dress-Up

\*Class 0921 - Getting the Most For Your Money

#### **Senior (Ages 14 & Older)**

Class 0922 - School or Casual Wear

Class 0923 - Dress Up

Class 0924 - Getting the Most for Your Money

## Department J FIBER ARTS

*Superintendent*

*Jill & Brynn Kruse*

Entry Time: Friday, July 26 – During Conference Judging  
Location: 4-H Building  
Judging Time: Friday, July 26 – 2:00 pm  
Conference Judged

**LIMITS:** 4-H'ers may enter 3 exhibits in each class.

1. 4-H'ers will sign up for a conference judging time Friday morning.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. 4-H'ers must be enrolled in project phase to exhibit.
5. When the exhibit is a sewn garment that also includes one or more heritage art techniques (i.e. knitting, crocheting, needle art, patchwork or quilting), the determination of what department (Clothing or Fiber Arts) and class in which to enter will be left up to the 4-H'er. An exhibit may not be double entered; a project is judged only one time. An exception is that wearables can be modeled in the Fashion Revue.
6. Patchwork and quilting entries must use the fiber art forms throughout the entire piece. Patchwork or quilting that is included as a component of a constructed garment should be entered in the clothing department.
7. Articles normally worn as a pair or set must be shown together. Fasten articles together securely with yarn.
8. Special consideration will be given to articles which are the 4-H'ers original design. Such articles should have a note attached explaining the original design.
9. All articles/garments must be finished for use.
10. Any articles that have been used should be cleaned before exhibiting.
11. All exhibits which are meant to be hung **MUST** have the appropriate saw-tooth hanger, rod, wire or other mechanism attached in order to be properly displayed.  
**FOR 2024**, an award option will be added for selection to display at the McPherson Public Library during McPherson 4-H's Highlight for the Month of December. Entries that can be "wall-hung," such as quilts, table runners, etc. can be considered for this selection.
12. The limit of exhibits is three entries per class. Other articles may be critiqued but no premium or ribbons will be awarded on them.

- Class 0701 - Crochet-an article including felted items  
 Class 0702 - Knitting-an article made either by hand or by a knitting machine  
 Class 0703 - Needle Art-an article created by hand using any of the following: embroidery and cross-stitch, needlepoint, candlewicking, crewel, lacework, and/or appliqué.  
 Class 0704 - Patchwork and Quilting-an article  
 Class 0705 - Rug Making-a rug  
 Class 0706 - Spinning-a skein  
 Class 0707 - Weaving-a woven article  
 Class 0708 - Ethnic Art-an article  
 Class 0709 - Macrame-an article  
 Class 0710 - Fiber Arts Educational Notebook

Share with others what you have learned in this project about a particular fiber art. Exhibits should be in the form of a notebook or binder. The notebook should include a narrative section describing the fiber art. It should include a clear description of the project, technique, budget, supplies, goals, accomplishments, successes, failures, and future plans. It may include samples of techniques, how-to's, photographs of completed projects, or other ways of educating others about fiber arts. NOTE: a collection of brochures, web pages, patterns, record book forms, etc. does not constitute an Educational Notebook.

## Department K FOODS & NUTRITION

### Division K1 FOODS

*Superintendents:*

Entry Time:	Friday, July 26 – During Conference Judging
Location:	Extension Office Meeting Room
Judging Time:	Friday, July 26 –
10:00-10:30	Country Cousins & Livewires Empire Best
10:30-11:00	Friendly Fremont & Santa Fe Sunflowers & Smokey Valley
11:00-11:30	Golden Opportunity & K-State Wild Kids

Exhibitors are strongly encouraged to arrive during their assigned time. If you have other fair commitments, we will work with your schedule.

Release Time: Conference Judged Perishable Foods-Friday, July 26 at conclusion of judging, but no later than Saturday, July 27 at 4:00 pm Non-Perishable Foods-Sold at the Food Auction on Friday, July 26 – 6:00 pm



**LIMITS:** 4-H'ers may enter a total of 6 items in Classes 1001-1012 with no more than 2 entries per class. They may also enter 1 exhibit in each of Classes 1013-1014.

**The room will be closed during selection of the Champions.**

1. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
2. Read "General Rules." 3. NO ALCOHOL should be included as an ingredient in the Food entries. Entries with alcohol in the recipe will be disqualified and not be judged.
4. There will be no 4-H'ers allowed in the kitchen. All cooking and exhibit prep should be finished prior to arriving at the Extension Office Meeting Room.
5. Exhibits brought to the fair must be ready for display. Exhibits brought to the fair inappropriately will be docked one ribbon.
  - All loaves must be whole and uncut. Cookies and rolls must be the same shape and from the same recipe.
  - FULL AND ENTIRE PRODUCT MUST BE ENTERED UNLESS OTHERWISE SPECIFIED. Mini loaves are not acceptable.
  - Place cakes on foil-covered cardboard cut slightly larger than the cake. All unfrosted cakes should be exhibited in an upright position with crust showing, except for those cakes made with special designs such as Bundt cakes which should have crust side down.
  - All exhibits must be in plastic bags (a large turkey bag works well for larger items) or in disposable plastic or foil containers or boxes. Glass pie plates, crockpots, casserole dishes, etc. are not acceptable.
6. Perishable foods must be kept hot or cold as necessary. These items will not be put in the Food Auction with some exceptions (for example: cake with perishable frosting kept at a safe temperature).
7. Food exhibits must be labeled. Labels are available at the Extension Office.
8. 4-H'ers are required to bring a recipe for all foods being judged. Recipes will not be returned to the 4-H'er. Please include your name, years in project, 4-H age and name of entry.
9. After judging, all non-perishable food entries and other entries selected at the discretion of the superintendent (for example: cake with perishable frosting kept at a safe temperature) will be sold at the Food Auction, Friday, July 26 at 6:00 pm. Each 4-H'er is strongly encouraged to be present at the Food Auction to carry their food items during the bidding.
10. Perishable foods can be stored in the office refrigerator but must be picked up by Saturday at 4:00. All food left will be discarded.
11. Pictures of the each 4-H'er and their food exhibits will be displayed at the 4-H Building.
12. 4-H'ers must be 9 years old before January 1 of the current year to exhibit at the Kansas State Fair. Only purple ribbon non-perishable food items, Educational Exhibits and Food Gift Packages are eligible for the Kansas State Fair. Substitutions CANNOT be made. In addition, please view the following rules for entry to the Kansas State Fair:

- Recipe must be the same recipe utilized at the 4-H fair.  
- For food safety purposes, any entries with frostings and fillings must calculate the amount of sugar in the frosting/filling recipe only. Calculation must be attached to entry, or the placing will be lowered one ribbon when judged. Frosting and fillings need to contain more than 65% sugar for safety. Examples on how to calculate this percentage are included in the publication located at:

<https://bookstore.ksre.ksu.edu/pubs/MF3544.pdf>

- For food safety purposes, any food with custard and dairy-based fillings and frostings (ex. Cream cheese) raw eggs, flavored oils, “canned” bread or cakes in a jar, cut fresh fruit or any food requiring refrigeration (ex. Bacon) or unbaked exhibit with raw flour (ex. No bake cookies) will be disqualified and not judged.

Class 1001 - Breads/Cereals Food Group

Possible ideas, but not limited to: popcorn (1 cup), muffins (4), pasta, yeast bread, multi-grain product, yeast rolls (4), quick bread, granola mix (1 cup)

Class 1002 - Fruit Food Group

Possible ideas, but not limited to: salad, fruit drink, fruit pizza, fruit leather

Class 1003 - Vegetable Food Group

Possible ideas, but not limited to: vegetable pizza, drink, salad, dried vegetables

Class 1004 - Dairy Food Group

Possible ideas, but not limited to: pudding, dip, shake

Class 1005 - Meat/Protein Food Group

Possible ideas, but not limited to: pita pocket, English muffin pizza, main dish casserole

Class 1006 - Sugar/Fat Food Group

Possible ideas, but not limited to: cake, cookies (4), pie

Class 1007 - Modify a Recipe

Modify a recipe to make the product healthier. Bring the original recipe along with the modified recipe and new product.

Class 1008 - White Bread (loaf)

Class 1009 - Whole Wheat or Multi-Grain Bread (loaf)

Class 1010 - Yeast Rolls (3)

Class 1011 - Specialty Bread

Possible ideas, but not limited to: pretzels (3), bread sticks (3), fruit bread, tea ring

#### Class 1012 - Bread Machine Bread

#### Class 1013 - Educational Exhibit

The 4-H'er should share with others what they have learned in this project, a project activity they have done, a food-nutrition community service program they were involved in, etc. Exhibits may be in the form of a poster, notebook or display. No card table displays are allowed; they can be entered in the Project Displays department. If the exhibit is a poster, it must not be larger than 22"x30". If the exhibit is a display, the maximum size is a commercial 3'x4' tri-fold display board. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Care should be taken to use durable materials that will withstand fair conditions. The 4-H'ers name and county must be clearly marked on the Educational Exhibit. NOTE: A collection of your favorite recipes in a recipe box or notebook does not constitute an Educational Exhibit.

#### Class 1014 - Food Gift Package

The exhibit must contain at least three different food items prepared by the 4-H'er for human consumption and placed in a suitable container no larger than 18"x18"x18". No alcoholic beverages will be accepted. 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. On the back of the entry card answer these questions:

A) What is the intended use?

B) What food safety precautions were taken during and after preparation?

## Division K2 FOODS PRESERVATION

*Superintendents:*

Entry Time:	Friday, July 26 – During Conference Judging
Location:	Extension Office Meeting Room
Judging Time:	Friday, July 26– 10:00-2:30 pm during Foods Judging Conference Judged

**LIMITS:** 4-H'ers may enter a total of 8 exhibits with no more than 2 entries

*per class.*

1. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
2. Read "General Rules."
3. 4-H'ers must be enrolled in Food Preservation to exhibit in this division. Judging will follow the same schedule as Foods.
  4. NO ALCOHOL should be included as an ingredient in Food Preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.
5. All exhibits must be preserved since the previous year's 4-H Fair.
6. Recipes and processing methods from the sources below are recommended. Recipes must be from current, tested resources and must be adjusted for altitude based on your processing location or it will be disqualified. Processing methods that will be disqualified include: open kettle- canning, oven canning, sun canning and using electric multi-cookers. For more information on electric multi-cookers, see [http://nchfp.uga.edu/publications/nchfp/factsheets/electric\\_cookers.html](http://nchfp.uga.edu/publications/nchfp/factsheets/electric_cookers.html). Untested recipes will be disqualified for food safety reasons. Tested recipe resources include K-State Research and other University Extension Food Preservation publications or USDA's 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 37), Ball Complete Book of Home Preserving (2015 & 2020), Canning mixes (i.e. Mrs. Wage's, Ball), Pectin manufacturers (i.e. SureJell, Ball), <http://www.rrc.k-state.edu/preservation/recipes.html>
7. Exhibits must be sealed in clean, standard canning jars with matching brands (use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc.) with two-piece lids. Ball and Kerr plaid or fruit decorated or brushed silver lids are permissible, but fancy padded lids, fabric overwraps or cozies interfere with the judging process and should not be used. No fancy packs unless recipe states to do so (ex: pickled asparagus). Jars must be sealed when entered. Jelly must be in ½ pint or pint jars. All other products must be in pint or quart jars. No paraffin is allowed to seal jams/jellies. Note: There are now 12-ounce and 24-ounce canning jars available. If there is not a USDA recommended process time available for the 12-ounce jar, these jars may use the pint jar canning process recommendations. Use the quart jar process recommendations for 24-ounce jars.
8. Each jar or item exhibited must be labeled with a uniform label placed one inch from the base of the jar. The label must not cover the brand name of the jar. These labels are available at the Extension Office. The label must give the Class Number, Division, Product, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), Date Processed including month and year, Name and County.
9. 4-H'ers are required to bring a recipe for all food preservations being judged. Recipes will not be returned to the 4-H'er. Please include your name, years in project, 4-H age and name of entry. The recipe must include the recipe source, date of publication, and altitude of residence.
10. No canned food containers will be opened and examined for quality by the judge.
  - Class 1101 - Sweet Spreads (Fruit and/or Vegetables or Syrups (1 jar)
  - Class 1102 - Fruits, Juices or Fruit Mixtures (salsa, pie filling, etc.) (1 jar)
  - Class 1103 - Low Acid Vegetables (green beans, corn, vegetable

mixtures, etc.) (1 jar)

Class 1104 - Pickles (fruit or vegetable), Fermented Foods or Relishes/Chutney (1 jar)

Class 1105 - Tomatoes/Tomato Products (tomato juice, tomato salsa) (1 jar)

Class 1106 – Dried Meats (1 jar)

Class 1107 - Dried Foods

One kind of dried food product is to be in a small canning jar. If it is not in a canning jar, it will be docked one ribbon. The suggested amount is 1/3 to 1/2 cup, or three or four pieces per exhibit. All meat jerky must be cooked to 160 degrees F before or after drying. Jerky not heated to 160 degrees F will not be judged.

Dried Foods must include a recipe and preparation steps.

## Division K3 PLACE SETTINGS

*Superintendent:*

Entry Time: Friday, July 26 – During Conference Judging  
Judging Location: 4-H Building  
Judging Time: Friday, July 26 – 9:00 am  
Conference Judged

**LIMITS:** *4-H'ers may enter 1 exhibit. They must be enrolled in the Foods and Nutrition Project.*

1. The following awards may be presented in this division: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
2. Read "General Rules."
3. A "Table Setting Handbook" is available from the Extension Office.
4. The Place Setting (including the menu) should represent the phase the 4-H'er is enrolled in.
5. The exhibit should consist of table linens, dinnerware, glassware and flatware for MAIN COURSE only. No serving dishes, sugar, creamer or salt and pepper pieces should be included.
6. The centerpiece may include flowers home-raised or commercially produced, however, the 4-H'er must make the arrangement.
7. The items in the display can be bought, borrowed or something you already have. An itemized expense list must be given to the judge during conference judging.
8. The menu to be served should be correctly written or typed on a minimum of 3"x5" card. The name of the 4-H'er should be placed on the back of the card.
9. The space per exhibit will be approximately 15"x24". Tables will be provided. All exhibits must be placed on the table provided.
10. The 4-H'er will set out his/her Place Setting in front of the judge as part of his/her presentation at the scheduled conference judging time.
11. The judge's emphasis will be on the presentation of the menu and place

setting rather than on the preparation of the menu. The 4-H'er should be able to answer basic questions about the menu.

\*Class 1130 - Junior (Ages 7-9)

\*Class 1131 - Intermediate (Ages 10-13)

\*Class 1132 - Senior (14 and Older)

## Department L FORESTRY

*Superintendent:*  
*Matt Seeger and Zeke Durr*

Entry Time: Thursday, July 25 5:00-7:00pm

Location: Chief Building

Judging Time: Friday, July 26 – 1:30 pm

**LIMITS:** 4-H'ers may enter 1 exhibit per class.

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. All leaves must be mounted on 8 ½"x11" heavy stock paper and placed in loose-leaf binders. Magnetic or adhesive filler sheets for photographic prints or page protectors are recommended. Twigs and fruit collections may be exhibited in whatever manner you choose with a maximum exhibit size of 3'x4'. Resources for exhibiting are on the Kansas 4-H Forestry project page.
5. 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 4-H Bulletin 334, "List of Native Kansas Forest Trees"; (2) location (city and/or county) where collected; and (3) date (month, day, year) collected.
6. Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees.
7. Variations of varieties do not count as different species or specimens.
8. New specimens are those which were collected during the current 4-H year and cannot be a duplicate tree species of previously displayed specimens.
9. Group samples according to the year collected, such as "Old-Previous" and "New".
10. When replacing previously displayed samples, due to degradation, improper mounting or incorrect identification, the specimen label must also be updated. Replacements do not count as new specimens. Replacements should be displayed in the "Old-Previous" section of the exhibit.

11. In all leaf collections, display one complete leaf where possible. If the leaf is too large, exhibit as much of the terminal portions 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 a tree.
12. The 4-H’ers name, club, age and year in project should be on the front cover or in a prominent location.
13. If the 4-H’er retrieves information for their forestry exhibit, they must include a reference citation to the source.
14. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

\*Class 4101 - Beginner (Choose A or B)

A. Display a minimum of 10 different leaves from native Kansas trees collected within the year. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Display a minimum of 5 native Kansas trees showing a leaf, twig and fruit from each species collected.

Class 4102 - Intermediate (Choose either A or B)

A. Display a minimum of 20 different leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Display a minimum of 10 native Kansas trees showing a leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

Class 4103 - Senior (Choose either A or B)

A. Display a minimum of 30 different leaves (including 10 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Display a minimum of 15 native Kansas trees showing a leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.

Class 4104 - Advanced (Choose either A or B)

A. Display a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. The exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

B. Display a minimum of 20 native Kansas trees showing a leaf, twig, and fruit from each species collected. This exhibit must include 10 new leaf, twig and fruit specimens.

### Class 4105 - How a Tree Grows

The exhibit may include:

- a project notebook that has ten or more seeds collected with pictures showing a germination study,
- a mounting of a thin section of wood cut from the end of a log or the top of a stump labeled with information such as the kind of wood and the age of the tree when it was cut, -an illustration of how a tree grows.

### Class 4106 - Tree Appreciation

The exhibit may include a research or reporting project notebook based on the 4-H'ers selected tree with no more than ten pages. The notebook may include sketches, drawings, pictures, a story or anything else which will help tell about the tree they have selected.

## Department M GEOLOGY & LAPIDARY

*Superintendent:*

*Paul & Robin Johnson,  
Joshua Seeger*

Entry Time: Thursday, July 25 – 5-7pm  
Location: Chief Building  
Judging Time: Friday, July 26 – 4:00 pm  
Conference Judged

**LIMITS:** 4-H'ers may enter in both geology and lapidary classes. Exhibitor may show in only one of the first six classes (3000-3005). Exhibitor may also show one exhibit in Minerology 3006, one exhibit in Fossils 3007, one exhibit in Rocks 3008, only one in the five classes of Lapidary classes (3009-13), one exhibit in Special Exhibit 3014, and two entries in Craft Project 3015 for a maximum of 8 exhibits.

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion overall. Champion and Reserve Champion may be selected in each class (not by age group).
3. Read "General Rules."
4. The exhibit boxes should be 18"x24"x3½". All of the specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" down. The box must have a plexi-glass cover that is removable from the top. **Boxes with glass will not be accepted.** Screws, locks or other devices that would prevent the judge from removing the plexi-glass cover should not be used.
5. The 4-H'er is required to identify each exhibit box by placing an identification label bearing their name, county and the number of specimens in the upper left-hand corner of the PLEXI- GLASS COVER on the inside using clear double-sided tape to adhere the gummed label. They should also attach a label with the same information on the lower right-hand corner of the box on the outside.



6. The specimens must be labeled with the identification number of the specimen, the date collected, the specimen name or description and the locality where it was collected. 7. For classes 3002-3005 (which are state fair eligible), the specimens should be mounted in the box and categorized into the proper groups of “Rocks”, “Minerals” and “Fossils”. Fossils must be identified to the Phylum, Class and Genus level. The Genus name is to begin with a capital letter and the Species name is all lower case. Genus and Species names must either be italicized or underlined, but not both. The words “Phylum”, “Class” and “Genus” on the labels are to be spelled out, not abbreviated. More than one specimen of the same kind of rock, mineral or species of a fossil may be exhibited if this duplication represents different geological formation. The specimen label must show this distinction (for example Fort Hays limestone, not just limestone; exact species must have different formation names listed on the I.D. card; Phylum: Brachiopoda, Class: Articulata, Genus: Composita from Morrill Limestone not just Brachiopod or Composita Brachiopod). 8. For classes 3002-3005, all specimens must be collected from locations in Kansas, with the exception of Tri-State Mining Area specimens collected from these three adjacent counties: Ottawa County, OK and Newton and Jasper Counties, MO. Out-of- state specimens from locations other than those three counties will not count in the minimum number for the class, nor will they be considered in the judging.

## Geology

**\*Class 3000** -Geology Display 9 specimens (7 yr. olds encouraged to enter)

**\*Class 3001**-Geology Display 12 specimens (8 yr. olds encouraged to enter)

For class 3000 display rocks, minerals and fossils collected from Kansas sites during the current 4-H year. For class 3001 at least **5 new specimens must be collected during the current 4-H year**. The specimens can be displayed on a foam display board or in a plastic container with compartments. The specimens should be categorized and displayed into the proper groups of “Rocks”, “Minerals” and “Fossils”.

Each specimen should be accompanied by an identification label which includes the following information: the name of specimen (fossils should be identified by their Genus name), the date found, the location (county) where it was collected and the specimen’s identification number; OR use the general information labels provided by the county Geology leaders. These classes are not eligible for the Kansas State Fair.

**Class 3002** - Geology Display at least **15 different rocks, minerals and fossils collected during the current 4-H year**. Limited to one exhibit box. Label rocks as igneous, metamorphic or sedimentary. This class can only be entered for one year before going on to next class.

**Class 3003** - Geology Display at least **30** different rocks, minerals or fossils, with at least 5 of each. **15 must be collected during the current 4-H year**. Limited to one exhibit box. Label rocks as igneous, metamorphic or sedimentary. This class can only be entered for 1 year before going on to next class.

**Class 3004** - Geology Display at least **45** different rocks, minerals or fossils, with at least 5 of each. **15 must be collected during the current 4-H year**. Limited to two exhibit boxes. Label rocks as igneous, metamorphic or sedimentary. This class can only be entered for 2 years before going on to next class.

**Class 3005** - Geology Display at least **60** different rocks, minerals or fossils, with at least 5 of each. **15 must be collected during the current 4-H year.** Limited to two exhibit boxes. Label rocks as igneous, metamorphic or sedimentary. This class is open to those who are exhibiting and have completed 3004.

**Class 3006** – Mineralogy The 4-H'er must use one standard display box (see #4).

Display a minimum of 15 mineral specimens collected by participant in Kansas, **with at least 5 of which have been collected during the current 4-H year.** The minerals are to be grouped by mineral class (i.e., Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The specimens must be labeled with the identification number of the specimen, the date collected, the specimen name, the county where it was collected and the chemical composition, if known (i.e. CaCO<sub>3</sub> for calcite).

**Class 3007** – Fossils The 4-H'er must use one standard display box (see #4)

Display a minimum of 15 fossil specimens collected by participant in Kansas, **with at least 5 of which have been collected during the current 4-H year.** The fossils are to be grouped by Phylum and Class, at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.). 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.) See #7 for additional fossil labeling expectations.

**Class 3008** – Rocks The 4-H'er must use one standard display box (see #4). Display a minimum of 15 rock specimens collected by participant in Kansas, **with at least 5 of which have been collected during the current 4-H year.** Rocks are to be grouped by the three rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. 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

An exhibit box smaller than the standard size, but not larger, may be used for the lapidary exhibits if appropriate.

Lapidary will be judged on the following criteria:

60 points - Workmanship and Content

30 points - Presentation and Showmanship

10 points - Accuracy of Information

All lapidary specimens should be labeled with the following information:

-Specimen name

-Place of origin (country, state, or county; county required for Kansas specimens)

-Purchased or self-collected

-Date lapidary treatment began

-Date lapidary treatment completed (treatment completed after the state fair is considered a new year specimen)

**Class 3009** - Lapidary Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be an example of “before and after,” nor do they have to be self- collected. Locales must be identified. Only those exhibiting lapidary at the fair for the first time may exhibit in this class.

**Class 3010** - Lapidary Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

**Class 3011** - Lapidary Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least 2 varieties should be collected from the native site by the 4-H'er, at least one of which come from Kansas. Locales must be identified. Lapidary work on at least 3 varieties should be done during the current 4-H year.

**Class 3012** - Lapidary Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least 3 varieties should be collected from the native site by the 4-H'er, at least two of which come from Kansas. Locales must be identified. Lapidary work on at least 3 varieties should be done during the current 4-H year.

**Class 3013** - Lapidary Display at least 6 specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, and end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least 3 cabochons of any size or shape, only 1 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. 3 of the specimens must be mounted into jewelry findings. Open to all Geology Exhibitors

**Class 3014** - Educational Exhibit An exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts or Indian artifacts. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. Exhibit is limited to 4' of table space. Care should be taken to use durable materials that will withstand fair conditions.

**Class 3015** - Craft Project An exhibit using rocks, fossils and/or minerals. Kits are acceptable. 4-H'ers are limited to 2 entries in this class. This class is not state fair eligible.

# Department N INTERIOR DESIGN AND ARCHITECTURE

*Superintendent: Holly Toll*

Entry Time: Thursday, July 25 – 5-7pm  
Location: Chief Building  
Judging Time: Friday, July 26 – 12:30 pm  
Conference Judged

LIMITS: 4-H'ers may enter 1 exhibit in Class 1201 and 2 exhibits in each of Classes 1202-1204.

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. A summary including plans, explanation of how items were made or refinished and how it fits into the color and design of the room must be included. Summary could also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge.
5. Projects with missing or insufficient summary will be lowered one ribbon placing.
6. Exhibits should be of high quality (as compared to quick simple crafts) suitable for use in the home several months throughout the year. Holiday-specific items are discouraged.

## **Class 1201 - Room Display**

4-H'ers are to make a complete card table display. Posters may be used. Tables will be provided. Exhibit should fit in a 3' x 3' square against the wall. Displays are not to exceed a standard commercial 3'x4' tri-fold display board. Emphasis of the display will be on telling the story of what was done in their 4-H project (by using pictures, models, actual objects, etc.). Display may show a process, finished product, before-after, something learned, etc. A WRITTEN STORY WILL NOT BE ALLOWED.

## **Class 1202 - Single Exhibit**

An article (furniture, fixtures, interior or exterior, etc) made or refinished by the 4-H member for the home. Must include attached summary.

## **Class 1203 – Design Board**

Boards must be on foam core or standard tri-fold display. Include: color scheme, wall treatment, floor treatment, samples, etc. and/or floor plan for the room. Must include attached summary.

## **Class 1204 – Notebook**

May include floor plan, swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans. Notebooks should also include project inspiration, challenges, who helped you, and any other information that would be helpful to the judge (additional attached summary is not required for notebooks).

# Department O NOTEBOOKS

*Superintendent: Holly Toll Family*

Entry Time: Thursday, July 25 – 5-7pm  
Location: 4-H Building  
Judging Time: Friday, July 25 – 12:30 pm  
Conference Judged

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
  2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected in each class.
  3. Read "General Rules."
  4. All 4-H Clubs are encouraged to exhibit the Secretary's Notebook. Any 4-H Club may exhibit a notebook on their project (health, safety, etc.).
  5. Guidelines for the Secretary's, Reporter's and Historian's Notebooks are available at the Extension Office.
  6. All notebooks must be of the current year's work. If adding to the Historian's Notebook, the entire book can be entered, however, judging will only occur on the portion completed by the 4-H'er(s) this year.
  7. 4-H'ers may enter any 4-H notebook made for a specific project, but the notebook cannot be used in two exhibits.
- \*Class 3101 - Secretary's Notebook
  - \*Class 3102 - Treasurer's Notebook
  - \*Class 3103 - Reporter's Notebook
  - \*Class 3104 - Historian's Notebook
  - \*Class 3105 - Club Project Notebook
  - \*Class 3106 - Individual Project Notebook

# Department P PERFORMING ARTS

*Superintendent:*

Pre-Entries: Please enter by July 18th, view July  
newsletter for registration link  
Location: McPherson Community Building  
Judging Time: Monday, July 22 – During the Public Fashion  
Revue at 4:30pm  
Performance/Conference Judged

1. 4-H'ers will sign up for a conference judging time during pre-registration.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."
4. A 4-H member may have up to 4 entries.
5. Must be enrolled in performing arts project to exhibit.
6. This department will use the same guidelines as the 4-H Club Day contest of the current year. These guidelines can be found at:  
<https://www.harvey.k-state.edu/4-h/events/clubdays/index.html>  
(Harvey County Extension ---- 4-H Youth Development ----- Events and Programs ---- Multi-County Club Days)

\*Class 390- Performing Arts

## Department Q PETS/CATS

### *Superintendent:*

Entry Time: Sunday, July 28 During Conference Judging at 2pm  
Location: TBD  
Release Time: Immediately Following Judging

*LIMITS: Pets - 4-H Members may enter 2 pets per class.*

*Cats - 4-H Members may enter 2 pets per class.*

1. 4-H'ers will sign up for a conference judging time.
2. The following awards may be presented in this department: -Pets-Grand Champion and Reserve Grand Champion, -Cats-Grand Champion and Reserve Grand Champion, -Class Champion and Reserve Champion may be selected in each class.
3. Read "General Rules"
4. For pets, the 4-H member must be enrolled in the Pets Project.
5. Pregnant cats will not be allowed.
6. Cats must have a complete veterinarian's slip to be entered.
7. Pets and cats must be in cage or carrier provided **by the exhibitor.**
8. Cages may be decorated but will not be judged. Decorations must be on the inside of the cage. Decorations between cages that prevent your cat from seeing the cat next to it may help your cat stay quieter.
9. For cats, bring an old towel or blanket for the cat to lay on. Also bring an extra towel or blanket in case the first one gets soiled.

### **Cats:**

- Class 4501 - Longhair kittens, under one year old
- Class 4502 - Longhair adults, over one year old
- Class 4503 - Shorthair kittens, under one year old
- Class 4504 - Shorthair adults, over one year old
- Class 4505 - Registered kittens, under one year old
- Class 4506 - Registered adults, over one year old

### **Pets**

- Class 4507 - Hand Pets
- Class 4508 - Aquarium Pets
- Class 4509 - Other - This exhibit could be a card table display, poster, etc. It is primarily to allow those with fish that should not be subjected to moving, etc. to exhibit.

# Department R PHOTOGRAPHY

*Superintendents:*  
*Robin Johnson, Betsy Patrick,*  
*Conway Patrick*

Entry Time: Thursday, July 25 – 5-7pm  
Judging Location: 4-H Building  
Judging Time: Friday, July 26 – 8:30 am  
Conference Judged

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.

The following awards may be awarded in this division - Grand Champion Photography, Champion, and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13), and Senior (14-18) age divisions.

2. Read "General Rules"

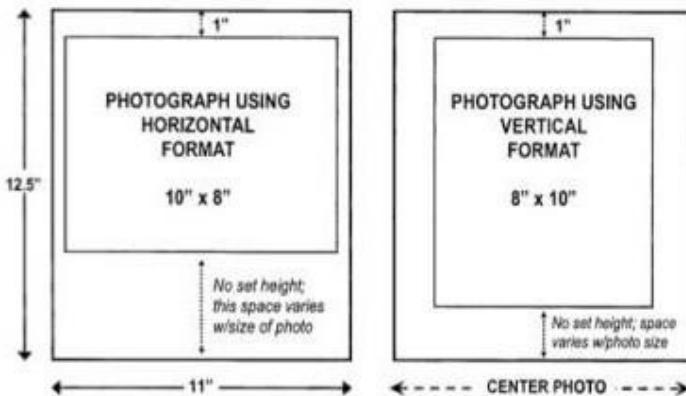
3. Black&White and/or color photographs are allowed in all levels. Monochromatic prints, such as sepia tone, are considered color photos.

4. Prints are to be no larger than 8"x10" and no smaller than 7"x9", after trimming. Remove white border from enlargement before mounting.

5. No lettering or dates are permitted on the front of the photo or on the front of the mount.

6. Mount prints across the narrow (11") dimension of an 11" x 12.5" sheet of white or cream studio mount board (available from the Extension office \$1.50 each). Foam core boards are not allowed. Photos mounted on poster board will not be displayed. No underlays or mattes are allowed.

7. A full coverage permanent mount (spray adhesive recommended or heat mount) must be made. The print should be mounted 1" below the top of the mount board and equal distance between the edges of the board.





8. Photos not mounted correctly (including prints with the white boarder not removed) will be lowered one ribbon placing from that awarded by the judge.

9. Exhibits must be placed in plastic sleeves (available at the Extension Office \$0.25 each)

10. Photographs exhibited must be the result of the current year's project work by the 4-H member. Photos must be taken by the 4-H exhibitor.

11. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, red eye removal, cropping, dodging, and/or burning should be entered in the standard color or black and white classes. HDR photos are to be entered in the standard photo class.

12. Digital Composite Image: Finished photos must be created from two or more original sources created by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process.

13. Photographic subject matter is expected to follow standards set forth in the Kansas 4-H Member Code of Conduct found on the Kansas 4-H Participation Form.

14. Photos with live subject(s) on a railroad right-of-way or taken from a railroad right-of-way property **will be disqualified and will not be displayed.**

15. Copyright protections must be observed.

16. Display and/or penalty decisions will be made by the photography superintendent or the 4-H Fair Board.

**FOR 2024**, an award option will be added for selection to display at the McPherson Public Library during McPherson 4-H's Highlight for the Month of December.

**FOR 2024**, photos will have the option to be considered for special selection to be included in the 2025 McPherson County Extension Calendar themed, "Beautiful McPherson." To be eligible, photos must be taken in McPherson County with location (or approximate location in the case of personal residence) included for caption. If selected, the exhibitor must be able to provide digital copies to Shyanne for use in the calendar by September 1st.

**For all Photography Classes please enter the Class Number and Level Number.**

*A maximum of 1 (one) exhibit in Class 3201. A maximum of 1 (one) exhibit in Class 3202. A maximum of 5 (five) exhibits in classes 3203-3206. A maximum of 3 (three) exhibits in 3207 -3208. No more than 8 total exhibits can be entered.*

**Class 3201** - A display of 1 to 3 photos of different subjects. Photos are to be small standard size prints (no larger than 4"x6"). Photo(s) are to be mounted on a vertical 11"x12.5" mounting board.

**Class 3202** - Photo Story: A series of three photos that tell a story. Photos are to be small standard size prints (no larger than 4"x6") Mount on a vertical 11'x12.5" mounting board. No titles.

*Possible subject matter for photos includes but is not limited to: people, landscape, nature, flowers, animals, photojournalism, action, still life, buildings, automobiles, special effects, and miscellaneous enlargement.*

**Class 3203** - Color

**Class 3204** - Black & White

**Class 3205** - Advanced Manipulation and/or Enhancement. Images that go beyond what is allowed in Rule 12.

**Class 3206** - Digital Composite Image. Photo must be created from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12.5 matte board (Explanation Board) mounted with standard size prints of the original photos, 3x5 card(s) explaining what manipulation was done and a standard size print of the final photo. Optional, may include prints of editing steps. Photos showing editing steps may be layered. Please put name on the front of the second board. Place both matte boards in the same protective plastic bag. Note: see rule #13 above class for definition.

**Class 3207** - Traditional Darkroom. Image must be created on film. Film development and enlargement processes must be performed in a traditional darkroom by 4-Her.

**\*Class 3208** - Film. Image created on film but not processed by 4-Her.

## **PHOTOGRAPHY PORTFOLIO CLASSES**

### **4807 Growth Portfolio**

1. Member must have been enrolled in Photography project for five (5) years or more.
2. Exhibit will consist of 5 (five) photos - one from each of the past 5 years of enrollment. Each photo must have been created in a different year and must be labeled with year taken and which year of enrollment it represents.
3. Photos must be 8" x 10" and may be color or black and white.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed.
5. Skill set used to create the photo must be given and explained. Main goal for each year should be listed.
6. Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet.
7. Exhibit will consist of photos arranged in chronological order of enrollment, information sheet on each photo, and all information listed in #6 and #7. A portfolio book will be required.

### **4808 Career Portfolio**

1. Member must have been enrolled in Photography for 5 (five) or more years OR member must be age 15 -19 and been enrolled in photography for at least two (2) years.
2. Exhibit will consist of ten (10) 8 x 10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photo Journalism, Black and White, Nature/Wildlife or Graphic Design (computer skills with photos). Photos may have been created over multiple project years.
3. Photos may be color except if Black and White option is chosen.
4. An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed.
5. A one-page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described.
6. Exhibit will be presented in a notebook designed for portfolio review with pages for required information from #4 and #5.

Dept. S  
PLANT SCIENCE

*Superintendent:*

Entry Time:	Friday, July 26, 10:00am During Conference
Location:	Judging Chief Building
Judging Time:	Friday, July 26, 10:00am

**LIMITS:**

1. *Horticulture: Exhibitors may enter 12 exhibits with only 1 entry per variety.*
  2. *Floriculture: Exhibitors may enter 8 exhibits with only 1 entry per variety (for example: 1 double petunia and 1 single petunia, but not a pink single petunia and a purple single petunia.)*
  3. *Crops: Exhibitors are not limited*
1. The following awards may be presented in this department:
    - a. Horticulture: Grand Champion and Reserve Grand Champion
    - b. Floriculture: Grand Champion and Reserve Grand Champion
    - c. Crops: Grand Champion and Reserve Grand Champion
  - Intermediate (10-13) and Senior (14-18) age divisions in Plant Science
2. Read “General Rules”
  3. If the exhibitor (age 9 and older) receives a purple on a vegetable that will be out of season at State Fair time, they may substitute another vegetable in it’s place at the Kansas State Fair.
  4. Exhibit vegetables on disposable plates or in box flats. The exhibitors name must be on the bottom of any container or plate. Labels are available at the Extension Office.
  5. The common name of the flower should be written on the entry tag. When exhibiting the flower, keep appropriate foliage with the flower, but remove foliage below the water line.
  6. The flowers, foliage, and filler must be home-raised by the exhibitor. Containers may be purchased and disposable containers are recommended. The fair personnel are not responsible for the loss or damage of any vases or containers.
  7. For further information, consult “Exhibiting and Judging Fruits and Vegetables” KSU Extension Publication XC-405.
  8. Quality and condition of the exhibit will be considered. Choose vegetables for exhibit that will hold up well during the fair. Avoid over-ripe or over-mature specimens. Those that are slightly under-ripe or slightly immature when picked may last longer.

## **Horticulture -**

**Class 2600 - Garden Display** - limited to 4 square feet of space. The Garden Display should be exhibited in a tray, basket or container that can be easily moved by the fair staff. The exhibit should consist of 5 different types of fresh vegetables or fruits. Canned products and shelled vegetables are not acceptable. Only 1 variety of each type of vegetable or fruit may be exhibited. The numbers of the 5 different types of vegetables or fruits to be exhibited are as follows:

- Large Vegetables: 1 each (cabbage, cantaloupe, eggplant, large pumpkin, squash, watermelon)
- Medium Vegetables: 5 each (beets, carrots, cucumbers, decorative gourds, potatoes, miniature pumpkins, okra, onions, peppers, radishes, sweet potatoes, tomatoes, other similar sized vegetables)
- Small Vegetables: one dozen (green snap beans, wax beans, English peas, or other similar sized vegetables)
- Small Fruits: one half pint box (strawberries, blackberries, raspberries, or other similar sized fruits)
- Tree fruits: 5 each (apples, pears, peaches, or other similar sized fruits.
- Grapes: 2 bunches

**Class 2601** - Small Vegetable Specimen Plate (12). Examples: green snap beans, yellow wax beans, other small vegetables.

**Class 2602** - Medium Vegetable Specimen Plate (5) Examples: cherry tomatoes, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, radishes, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, decorative gourds, miniature pumpkins, other medium vegetables.

**Class 2603** - Large Vegetable Specimen Plate (1) Examples: watermelon, summer squash, winter squash, large pumpkin, pumpkin, eggplant, cabbage, cantaloupe, other large vegetable.

**Class 2604** - Fresh Culinary Herbs (6) Examples: parsley, basil, dill, etc. 6 stems (or comparable quantity) of ONE VARIETY of fresh herbs exhibited in a disposable container of water. Dried herbs are not accepted.

**Class 2605** - Small Fruits (one half pint box) Examples: strawberries, blackberries, raspberries, other similar sized fruits.

**Class 2606** - Tree Fruits (5) Examples: apples, pears, peaches, or other similar sized fruits.

**Class 2607** - Grapes (2 bunches)

**Class 2616** - Horticulture Notebook: Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, farmer's market business, or other horticulture project. 4-H'ers are encouraged to include photographs, illustrations, and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during and after the completion of the project are particularly helpful. May enter up to 2 notebooks.

## Floriculture

**Class 2617** - Annual Garden Flower (cut specimen, single stem)

**Class 2618** - Perennial Garden Flower (cut specimen, single stem)

**Class 2619** - Fresh Flower Arrangement (flower materials must be grown and/or collected by exhibitor, not purchased)

**Class 2620** - Dried Flower Arrangement (no fabric or plastic material allowed)

## Crops

-All exhibits must be identified by the hybrid or variety name.

-All classes calling for a gallon sample may have a 2½” to 3” diameter cylinder placed in the glass gallon container to reduce the amount of grain to about 3 quarts.

-Exhibits should be as mature as possible.

**Class 2621** - Hybrid Grain Sorghum (10 heads)

**Class 2622** - Hybrid Forage Sorghum (10 heads, to consist of the entire plant, with no roots.

**Class 2623** - Other Forage Sorghum (10 heads, to consist of the entire plant, with no roots)

**Class 2624** - White Corn (10 ears)

**Class 2625** - Yellow Corn (10 ears)

**Class 2626** - Soft Red Winter Wheat (1 gallon)

**Class 2627** - Hard Red Winter Wheat (1 gallon)

**Class 2628** - Hard White Wheat (1 gallon)

**Class 2629** - Confectionery Sunflower Heads (3 heads)

**Class 2630** - Confectionery Sunflower Seeds (1 gallon)

**Class 2631** - Sunflower Oil Seed Heads (3 heads)

**Class 2632** - Sunflower Oil Seeds (1 gallon)

**Class 2633** - Oats (1 gallon)

**Class 2634** - Barley (1 gallon)

**Class 2635** - Alfalfa (1 gallon)

**Class 2636** - Alfalfa Hay (1 flake or slice from a rectangular bale or a 10" section cut from a round bale. Should be approximately 6" in thickness and tied in 2 directions.

**Class 2637** - Grass hay (10" flake or slice, 6" thick and tied in 2 directions)

**Class 2638** - Brome Grass (1 gallon)

**Class 2639** - Other Tame Grasses (1 gallon)

**Class 2640** - Soybeans (1 gallon)

**Class 2641** - Soybeans (bundle of 5 plants)

**Class 2642** - Edible Field Beans (1 gallon)

**Class 2643** - Edible Field Beans (bundle of 5 plants, with roots intact)

**Class 2644** - Miscellaneous Crops (1 gallon or 10 heads)

# Department T PROJECT DISPLAYS

*Superintendent: Lori Bower*

Pre-Entries: All Exhibits must be pre-entered no later than 5:00 PM on Thursday, July 18. *Please view July newsletter for entry link*

Entry Time: Thursday, July 25 – 5-7pm

Location: 4-H Building

Judging Time: Friday, July 26 – 4:00 pm  
Conference Judged

*LIMITS: 4-H'ers may enter 1 exhibit per project area with a maximum of 3 exhibits.*

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13), and Senior (14-18) age divisions.
3. Read "General Rules"
4. Exhibitors are to make a complete card table display. Posters may be used. Tables will be provided. Exhibits should fit in a 30"x36" area against the wall.
5. Emphases of the display will be on telling the story of what was done in their 4-H project by using pictures, models, actual objects, etc. The display may show a process, finished product, before-after, something learned, etc. A WRITTEN STORY WILL NOT BE ALLOWED.
6. Please remember that neither the 4-H Fair, nor K-State Research and Extension, or McPherson County are liable for the loss or damage of any personal property included as part of your display.
7. All items used in the display must stay in the display for the duration of the 4-H Fair. Items used in the display cannot be taken and judged in another department.
8. Posters should not exceed 22"x30" and tri-fold displays should be a standard 3'x4'.
9. Scoring will be based on the following:
  - 50% educational content
  - 40% exhibitor's knowledge
  - 10% Quality and Appearance of Display materials
9. Be careful to not violate copyright laws, including but not limited to those regarding the 4-H Clover and K-State Research and Extension Logos. If you are in question of usage, contact the Extension Office for clarification.
10. This department is open to 4-H members in any project.
11. Displays will not be broken out by project area.

\*Class 4002 - Junior Project Displays (Ages 7-9)

\*Class 4003 - Intermediate Project Displays - (Ages 10-13)

\*Class 4004 - Senior Project Displays (Ages 14 & Older)

# Department U

## READING

## ADVENTURES

Pre-Entries:	All Exhibits must be pre-entered no later than 5:00 PM on Thursday, July 18. <i>Please view July newsletter for registration link.</i>
Entry Time:	Thursday, July 25, 5-7pm
Location:	4-H Building
Judging Time:	Friday, July 26 – 2:00 pm Conference Judged

*LIMITS: 4-H'ers may enter 1 exhibit in each class.*

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions
3. Read "General Rules."
4. 4-H'ers are to make a complete card table display. Posters may be used. Tables will be provided. Exhibits should fit in a 30"x36" area against the wall.
5. Emphasis of the display will be on telling what you have learned in the reading project by using pictures, models, actual objects, etc. The focus can be on a specific book, book series, author, etc.
6. Please remember that neither the 4-H Fair nor K-State Research and Extension, McPherson County are liable for the loss or damage of any personal property included as part of your display.
7. All items used in the display must stay in the display for the duration of the 4-H Fair. Items used in the display cannot be taken out and judged in another department.
8. Posters should not exceed 22"x30" and tri-fold displays should be a standard 3'x4'.
9. Scoring will be based on the following:
  - 50% - Educational Content
  - 40% - 4-H'ers Knowledge
  - 10% - Quality and Appearance of Display Materials
10. Be careful as you put your display together that you are not in violation of copyright laws, including those regarding the 4-H Clover and K-State Research and Extension Logo. If you feel it is in question, please contact the Extension Office for clarification.

\*Class 3301 - Reading for Pleasure

\*Class 3302 - Reading for Project Enrichment

## Department V SELF-DETERMINED

*Superintendent: Dave Moore*

Pre-Entries: All Exhibits must be pre-entered no later than 5:00 PM on Thursday, July 18. *Please view July newsletter for registration link.*

Entry Time: Thursday, July 25 5-7pm

Location: Chief Building

Judging Time: Friday, July 26 – 3:00 pm  
Conference Judged

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions
3. Read "General Rules."
4. All items used in the display must stay in the display for the duration of the 4-H Fair. Items used in the display cannot be taken out and judged in another department.
5. Posters may be used. Tables will be provided. Table top exhibits should fit in a 30"x36" area against the wall.

\*Class 3501 - Self-Determined Project

## Department W SHOOTING SPORTS

*Superintendent: Shelby Shaw & Quentin*

Pre-Entries: All Exhibits must be pre-entered no later than 5:00 PM on Thursday, July 18th. Please view July newsletter for registration link.

Entry Time: Thursday, July 25 5-7pm

Location: Chief Building

Judging Time: Friday, July 26, 1:30pm

*LIMITS: 4-H'ers may enter 1 exhibit in each class.*

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions



3. Read "General Rules."
4. Tables will be provided. Exhibits should fit in a 3'x4' area against the wall.
5. Exhibits in this department are open to educational or creative displays.
6. Please remember that neither the 4-H Fair nor K-State Research and Extension, McPherson County are liable for the loss or damage of any personal property included as part of your display.
7. All items used in the display must stay in the display for the duration of the 4-H Fair. Items used in the display cannot be taken out and judged in another department.
8. Promotional Posters must be flat and should not exceed 22"x30" and the Educational Displays must be the tri-fold display of a standard 3'x4'. Notebooks must be displayed in a 8.5x11" 3 ring binder. Exhibits exceeding the size guidelines will be penalized one ribbon color.
9. Care should be taken to use durable materials that will withstand fair conditions.
10. No "live" ammunition containing propellant or explosive powers may be used in any display. Artistic substitutes must be used in lieu of powder and "live" ammunition.
11. Displays will be judged on the following points:
  - 15 - Stopping Power
  - 15-Interest/Holding Power
  - 15 - 4-H Project Application
  - 5 - Mechanical Power
  - 25 – Personal growth
  - 25 - Educational Value
 Posters will be judged on the following points:
  - 30- Stopping Power
  - 30- Interest, Holding Power
  - 25- 4-H Project application
  - 15- Mechanical Power
12. Be careful as you put your display together that you are not in violation of copyright laws. If you feel it is in question, please contact the Extension Office for clarification.
13. Only one entry allowed per exhibitor at the Kansas State Fair. If two purples are received exhibitor must choose by State Fair deadline.
14. Name, county or district, age and year in project should be on the front of the poster, display or notebook.

Class 5150 - Educational Display

Must be directly related to the 4-H Shooting Sports Project.

Class 5151 - Promotion Poster

Must promote 4-H Shooting Sports.

Class 5152 – Notebook

Contents pertain to some phase, results, story or information about Shooting Sports

# Department X: STEM

*Superintendent:*

Entry Time: Friday, July 26 – During Conference  
Location: Judging 4-H Building  
Judging Time: Friday, July 26 – 4:30 pm  
Conference Judged

LIMITS: 4-H'ers may enter 2 exhibits in each class.

1. 4-H'ers will sign up for a conference judging time.
2. The following awards may be presented in this department:
  - Astronomy-Grand Champion and Reserve Grand Champion,
  - Robotics-Grand Champion and Reserve Grand Champion,
  - Rocketry-Grand Champion and Reserve Grand Champion, -
  - Computers- Grand Champion and Reserve Grand Champion, -Ag
  - Mechanics- Grand Champion and Reserve Grand Champion, -
  - Building Block- Grand Champion and Reserve Grand Champion
  - Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions.
3. Read "General Rules."

## ASTRONOMY

1. Open to members enrolled in the Astronomy Project.
2. Telescopes entered in this division may be built from a kit or by original design. Pre-finished telescopes which require no construction or painting are not acceptable exhibits.
3. Telescopes are limited to no more than three feet in length. They must be placed on a stationary stand that does not allow the telescope to roll and/or fall over. The stand cannot extend past 2' in length or width.
4. Each telescope exhibit must include a "4-H Astronomy Exhibit Information Form," which should be attached to the outside of a 10"x13" manila envelope. You must also include construction plans (or a photocopy) of the telescope and place it inside the manila envelope.
5. Two photographs showing telescope construction and operation are required. Photographs should be mounted on one side of an 8½"x11" page. A brief caption should accompany each photograph. Place photos in the 10"x13" manila envelope.
6. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
7. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
8. Educational Displays should be creative and showcase something specific you have learned in the Astronomy Project during the current 4-H year. Be sure to follow copyright laws as you are preparing your exhibit. Site your sources of scientific information on your exhibit, when appropriate.

9. Educational Displays are limited to a 3'x4' tri-fold display board. No cardboard table exhibits will be allowed. Care should be taken to use durable materials that will withstand fair conditions.
10. Exhibitor's name, county, club, age and year in the project must be tagged or labeled in a prominent location on the Telescope
11. Astronomy Educational Posters must be no larger than a 22"x30" poster board.
12. Astronomy Project Notebooks must be organized in a 3-ring binder.

### Astronomy Classes

- Class 3400 - Telescope Made from Kit
- Class 3401 - Telescope Made from Original Design
- Class 3402 - Astronomy Educational Display
- Class 3403 - Astronomy Educational Notebook
- Class 3404 - Astronomy Educational Poster

### ROBOTICS

1. Open to members enrolled in the Robotics Project.
2. Each robot must be free-standing, without the need for additional supports in order to be moved or exhibited. Each exhibit must include a robot, information packets are not a sufficient exhibit.
3. Robots must have automated articulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer systems division or energy management project. Robots requiring no assembly, just programming, such as Ozobots, are considered computer systems projects as the skill is focused on the programming not on the construction of the robot.
4. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Weight may not exceed 15 pounds.
5. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
6. Robots must be powered by an electrical, battery, water, 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.
7. Remote controlled robots are allowed under certain conditions provided the robot is not drivable. 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. Remote controlled cars, boats, planes or action figures are not allowed.
8. 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.
9. Each exhibitor is required to complete the "4-H Space Tech Robotics Exhibit Information Form". This form must be attached to the outside of a 10"x13" manila envelope.

10. The exhibit must include written instructions for operation (the instructions should be written as if they were to tell a grandparent or elderly person how to operate the robot), construction plans, and one to three pages of project photographs. In addition, a 5-minute video presentation placed on a CD, DVD, USB drive, or similar removable storage device, if applicable. (Requirement waived for 4-H Fair). For robots that can be programmed, robot programming information must be included, this information should be placed inside the 10" x 13" manila envelope mentioned above. The exhibitor may enter their electronic project listed under the electric program as under the SpaceTech robotics project if the exhibitor so chooses. No exhibitor will be allowed to set up their robot in person.

11. Creativity, workmanship, and functionality will be strong criteria in judging the "Robot designed by exhibitor" class. 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.

12. Exhibitor's name(s), club, and county must be tagged or labeled in a prominent location on the Robot, Educational Display, Poster, and/or Notebook.

13. Educational displays are limited to one 2'x3' tri-fold display board and no more than 3'x3' of table space. No cardboard table exhibits will be allowed. Care should be taken to use durable materials that will withstand fair conditions. No electricity will be provided.

14. Team Project Notebooks must be organized in a 3-ring binder and should highlight information/roles of each team member, drawings, charts, photographs, goals, and objectives of your robotics project, and all robotic competitions your team has competed in during the current 4-H year. NOTE- no videos are required at the county level.

## **Robotics Classes**

**Class 3405** - Robot made from a commercial (purchased) kit

**Class 3406** - Robot designed and constructed by exhibitor - the robot must not be a mere modification of an existing robot kit or plan.

**Class 3407** -Programmable robot made from a commercial (purchased) kit

**Class 3408** - Junk drawer robotics

**Class 3409** - Educational Poster, Display or Notebook

**Class 3410** - Team robotics project : Robot designed and constructed by 2 or more 4-H STEM project members. The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable type that is made from a commercial (purchased) kit. This division is designed to encourage teamwork and cooperation among 4-H STEM members. As with many high-tech projects today, no one person designs and builds a robot alone. It takes the brainstorming, planning, problem solving, and cooperation of an entire team to complete a given robotics project. Exhibitors in this division will be assigned a task for their robots to perform. The tasks are changed annually. Please visit the STEM website for the current years task. Click on the KSF packet link.

**Class 3411** - Team Educational Robotics Poster, Display, or Notebook.

## ROCKETRY

1. Each exhibitor may enter two rockets constructed during the current year. The rocket must have been flown. Each rocket exhibited must be able to stand freely by itself or be supported on a wooden base.
2. Each exhibitor is required to complete the "4-H Space Tech Rocketry Exhibit Information Form" which is available at the Extension Office. The report that accompanies the rocket must be limited to this form which is glued to a 10"x13" envelope. Plans (or a photocopy) must be placed inside the envelope. This includes original design rockets. If a rocket kid has been modified structurally, notations need to be given indicating the changes made. One or more photographs of the rocket at the launch site are required. Photographs showing the rocket at the moment of ignition are preferred. Photographs should be mounted on one side of 8.5"x11" page.
3. In judging entries, the display method will NOT be considered. Judging WILL be based on the quality of workmanship and quality of finish.
4. Engines and ignitor are not permitted with the exhibit.
5. Angles of the fins must fall with a plus or minus 2 degrees variation.
6. Exhibit must be uniformly painted, smoothly finished, have decals applied smoothly, and be properly assembled according to accompanying plans.
7. Beginner kits with prefabricated fin assemblies and pre-finished rockets requiring no painted are NOT acceptable.
8. Exhibitors who exhibit a rocket using a size E engine or larger will be required to provide National Association of Rocketry (NAR) membership number on the exhibit information sheet.
9. For the purposes of Kansas 4-H SpaceTech a mid-powered rocket is defined as a rocket that uses an "E" "F" "G" or equivalent engine for launch. In addition, rockets also qualify for mid-power if they meet any of the following criteria:
  - Is 2 inches or greater in diameter (not including fins) and taller than 3 feet (36 inches including fins) and do not use an engine(s) exceeding 160.01 Newton seconds of total impulse (an H engine equivalent or above).
  - The total impulse of all engines used in the rocket is greater than 20.01 Newton-seconds and less than 160.01 Newton-seconds.
10. Rocket is a high-power rocket if it uses an "H" engine or larger to launch, the total impulse of all engines used in the rocket is 160.01 Newton-seconds of thrust, or includes any airframes, parts of ductile metal, though the use of ductile metal is strongly discouraged.
11. If a burn ban is in place for McPherson County, exhibitors are not required to launch their rockets. All requirements for the launching of rockets for the 4-H fair and the documenting of the launching are suspended for the duration of the ban.
12. Exhibits that meet the above guidelines MAY NOT meet the qualifications for the Kansas State Fair. Exhibitors may get a copy of the State Fair guidelines from the McPherson County Extension Office.

## ROCKETRY CLASSES

**Class 3423** - Rocket made from kit. Include plans.

**Class 3424** - Rocket designed by exhibitor, not merely a modification of an existing kit. Include original plans.

**Class 3425** - Rocket designed by one or more exhibitors, not merely a modification of an existing kit. Include original plans. (This class is designed to encourage teamwork among individuals and clubs to work on a rocket from the initial design to the finished product.)

**Class 3426** - Rocket designed by exhibitor that uses alternative skins; not merely a modification of an existing kit, include original plans. For exhibitors 14-18.

## HIGH POWERED ROCKETRY CLASSES

**Class 3427** - High power rocket made from kit or original design

## ROCKETRY EDUCATIONAL EXHIBIT CLASSES

**Class 3428** - Rocketry Educational Display

**Class 3429** - Rocketry Notebook

**Class 3430** - Rocketry Poster Board

## **Computers**

1. The 4-H computer project teaches concepts related to computers; hardware knowledge; software programming and applications; internet safety; the building, maintenance, and repair of computers; and future career opportunities. Please note that the actual construction of computer hardware will remain in the Energy Management division.
2. The 4-H members must be currently enrolled in the 4-H STEM project to exhibit in this division.
3. Each exhibitor may enter one exhibit per class. The exhibit must have been completed during the current 4-H year.
4. Educational display boards, poster, and notebooks should be creative and showcase details about the knowledge learned in the computer project. Value is placed on youth who can demonstrate how their skills have increased while completing the project.
5. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content.
6. Follow copyright laws, as explained in the General Rules, as you are preparing your exhibits. Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.
7. For notebooks, display boards, posters, no additional exhibit information is required. No manila envelope is needed for this exhibits, as in some phases of Space Tech.
8. Educational displays and posters are not to exceed a standard size 3'x4' tri-fold display board, or 22"x30" poster. Any three-dimensional display exhibits may not be thicker than 1".

9. Project notebooks must be organized in a 3-ring binder.
10. Exhibitor's name, county, 4-H age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.

#### COMPUTERS CLASSES

**3440** Computer Educational Poster

**3441** Computer Display Board

**3442** Computer Notebook

### **Computer Systems**

The Kansas 4-H STEM Computer Systems portion of the computer project is designed to allow 4-H members to explore how information is moved from one part of the computer to the other; how information is moved between two or more computer systems (networking); how information is stored; or how information is acted on (programming). Any item which is not a notebook, display board, or poster displayed in this class is considered a "computer system" exhibit and MUST follow the rules set forth below.

1. All exhibits must be:
  - a. Self-contained on a USB Drive (thumb drive, flash drive, jump drive, or any other name for a small USB storage device; the rules will use "USB Drive"). This means that a judge can plug the USB drive into a computer and be able to run the exhibit as described below. OR system-on-a-chip (SOC) such as Raspberry Pi, OR a micro-controller (such as an Arduino or Ozobot) AND is a compact (less than 4-8"x4-8"x4-8") system, which can be programmed AND requires minimal assembly to operate (e.g. connecting power, display, and keyboard/mouse cables). Referred to as a "chip system" through the rest of the rules.
2. Physical computers such as tablets, smart phones, laptops, or personal computers (PCs) will not be accepted as an exhibit.
3. "Chip systems" may use/include GPIO bread boards or HATs (Hardware Attached on Top) the size of which is not included in the size of the chip system, however the total size of the chip system and GPIO devices may not exceed 24"x24"x24" including any protective enclosures.
4. Any attached GPIO devices are not judges for electrical construction or quality as automated articulated structures (arms, wheels, grippers, etc.) which the exhibitor constructed, can also be classified as a robot, and the exhibitor must decide which division to exhibit in as the exhibit may not be entered in both divisions.
5. For chip systems, all electronic components of the system must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for the electrical components.
6. All revisions of all forms previously released for the SpaceTech division either undated or dated prior to current year are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.

7. For all computer system entries, the following items are required as part of an exhibit packet:

a. A manila envelope with the Computer Exhibit Form attached to the front, this form can be downloaded at [www.STEM4KS.com](http://www.STEM4KS.com)

b. A USB drive labeled with the 4-H members name, county/district, and club, in a way that does not prevent it from being plugged into a computer.

c. For exhibits that are entered on USB drives, at least (1) graphic (picture/screen shot/capture, slide, etc.) of the project must be printed out on an 8.5" x 11" sheet of standard computer paper and **and placed in a plastic sheet protector** to allow for proper display and recognition at the Kansas State Fair. This is what will be displayed during the fair. All other materials will be sent back to the county/district office/ On the back side of the graphic, the 4-H members name, county/district, and club should be listed.

d. Instructions to run any part of the exhibit on the USB Drive (there should be at least three items in your manila envelope: USB Drive, graphic, and instruction.

8. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB Drive (preferred) or printed and placed in the manila envelope.

a. The 4-H Engineer's Journal should start with a dated entry describing what the 4-H member is trying to accomplish/build.

b. The 4-H Engineer's journal should conclude with a dated entry describing what the 4-H member achieved in creating. The start and end many times will be different, the judges are interested in the journey.

c. Additional entries in the 4-H Engineer's Journal should be made as progress occurs, describing successes and failures, as well as the steps done and any sources of information including links used.

d. Pictures can also be used in the Engineer's Journal, but should not be more than 50% of the entries.

e. The 4-H engineer's journal should contain at least one graphic.

f. The 4-H engineer's journal should be at least 3 pages in length.

g. An example of a 4-H engineers journal can be found at [www.STEM4KS.com](http://www.STEM4KS.com)

h. The 4-H engineer's journal will comprise 50% of the overall exhibit score. Failure to include a 4-H engineer's journal will result in the exhibit being disqualified.

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

10. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits.

11. Since there is no conference judging at the Kansas State Fair, a set of instructions must be provided to run the computer system/application. These instructions should be printed off and included in the exhibit package, and a copy should be included on the USB Drive.

a. FOR COUNTY FAIRS it is recommended that 4-H members bring a computer that will run their project to the fair for judging as judges typically do not bring computers with them. Operating instructions are still required.

b. Instructions should be written as though you were helping a less techy person (like a grandparent) use the USB drive with a computer similar to what is described in rule 9. An example of instructions can be found at [www.STEM4KS.com](http://www.STEM4KS.com)

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



13. Kansas State Fair Judge(s) in the computer systems division will have a physical computer with the following minimum configuration to test exhibits with and view files: a. Microsoft Windows® 10 b. Microsoft Office® Home 2010 (Excel, Power Point, & Word) c. Microsoft Internet Explorer® d. Mozilla Firefox® Browser e. Google Chrome® Browser
  - f. Adobe Acrobat Reader® Apache
  - g. OpenOffice® VMware Player Windows
  - h. 64bit Scratch Desktop editor (offline
  - i. version)
14. 4-Hers should not assume that the computers in rule 9 have Internet connectivity and that any parts of the exhibit that require Internet access will not work. It is strongly recommended that 4-Hers test exhibits on a computer with Internet connectivity disabled. State Fair judges WILL have internet capability.
15. Kansas 4-H STEM has made available Linux Virtual Machines (VMs) that can be downloaded and used to create projects on such as web servers, networking, and many other projects. For more information on how these VMs can be leveraged or to download them visit [www.STEM4KS.com](http://www.STEM4KS.com). 4-Hers are not required to use the VMs in their projects. They are optional.
16. All licensing should be adhered to for any software used in the exhibit. Failure to do so will result in a reduction of one ribbon placing and may not be considered for best of show.
17. The creation of viruses, malware, malicious applications or code, defamatory language or graphics, bullying, or any material that is “mean,” “dangerous,” or harmful according to the judge’s opinion will result in the exhibit being disqualified.
18. Pictures or still graphics created are not eligible for entry as a project in this division, and should be entered in the appropriate photography division.
19. Judging will be based on a score sheet which can be found at [www.STEM4KS.com](http://www.STEM4KS.com). There are four (4) areas each exhibit will be judged on. They are:
  - a. 4-H Engineers Journal (what I learned to make it work), 50% overall score
  - b. Instructions (how I help others make it work), 25% overall score
  - c. Functionality (does it work), 12% overall score
  - d. Diagrams (and code if applicable) (how I think it works), 13% overall score

## COMPUTER SYSTEMS CLASSES

- 3443 Computer program, application, app, script, or coded system that is new and unique (not merely a file run in a program, such as a ‘word document’ or a picture drawn in ‘Microsoft Paint.’)
- 3444 Computer presentation (power point, web page/site, animated graphics, etc.)
- 3445 Single computer system (web server, database server, etc.)
- 3446 Networked system consisting of two or more computers
- 3447 Chip system- a small (4-8”x4-8”x4-8”) programmed physical device that accomplishes a specific task.

## AG MECHANICS AND WELDING

1. 4-H members must be currently enrolled in the Kansas 4-H STEM – Ag Mechanics
2. (Welding) project to exhibit in this division.  
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. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total demission's and weight of the exhibit as described previously. Exhibit boards should have a portable and moveable base. No exhibits may be staked to the ground for display.
5. Top heavy items should be braced or placed in a stand sufficient to prevent it from
6. toppling over while on display
7. Exhibits may not be bound, affixed, attached to the buildings, except by the superintendent or Extension Staff.  
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.
8. Repair projects having adequate original finish need not be repainted.
9. 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.
10. 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.
11. 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
12. Electric powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch
13. 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
14. The exhibitor's name(s) and county or district must be tagged or labeled in a prominent location on the display
15. Each exhibit must include an Ag Mechanics information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
16. Each exhibitor is required to complete the "4-H STEM Ag Mechanics Exhibit Information Form" which is available through your local K-State Research and Extension office or at [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit.
17. 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

NOTE- No videos will be required at the 4-H Fair.

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

5550 STEM – Ag Mechanics Welding Display Board – a 3 foot by 3 foot display board with different pieces of metal attached illustrating different types of welds, each weld being labeled

5551 STEM – Ag Mechanics Level 1 Welding Ag Repair – repair of ag equipment with welding

5552 STEM – Ag Mechanics Level 1 Welding Ag Fabrication – creation of new ag equipment with welding

5553 STEM – Ag Mechanics Level 1 Welding General Repair – repair of non-ag equipment with welding

5554 STEM – Ag Mechanics Level 1 Welding General Fabrication – creation of non-ag equipment with welding

5555 STEM – Ag Mechanics Level 1 Welding Artistic Fabrication – creation of artistic or interpretive pieces with welding

5556 STEM – Ag Mechanics Level 1 Brazing repair

5557 STEM – Ag Mechanics Level 1 Brazing fabrication

5558 STEM – Ag Mechanics Smithing display board – a 3 foot by 3 foot display board with different pieces of forged metal attached illustrating different forms, each form being labeled

5559 STEM – Ag Mechanics Level 1 Smithing – A design forged with at least one formed element (twists or spirals for example)

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

5560 STEM – Ag Mechanics Level 2 Welding ag repair – repair of ag equipment with welding

5561 STEM – Ag Mechanics Level 2 Welding ag fabrication – creation of new ag equipment with welding

5562 STEM – Ag Mechanics Level 2 Welding general repair – repair of non-ag equipment with welding

5563 STEM – Ag Mechanics Level 2 Welding general fabrication – creation of non-ag equipment with welding

5564 STEM – Ag Mechanics Level 2 Welding artistic fabrication – creation of artistic or interpretive pieces with welding

5565 STEM – Ag Mechanics Level 2 Brazing repair

5566 STEM – Ag Mechanics Level 2 Brazing fabrication

5567 STEM – Ag Mechanics Level 2 Smithing – A design forged with at least two different formed elements (twists and spirals for example)

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

5570 STEM – Ag Mechanics Level 3 Welding ag repair – repair of ag equipment with welding

5571 STEM – Ag Mechanics Level 3 Welding ag fabrication – creation of new ag equipment with welding

5572 STEM – Ag Mechanics Level 3 Welding general repair – repair of non-ag equipment with welding

5573 STEM – Ag Mechanics Level 3 Welding general fabrication – creation of non-ag equipment with welding

5574 STEM – Ag Mechanics Level 3 Welding artistic fabrication – creation of artistic or interpretive pieces with welding

5575 STEM – Ag Mechanics Level 3 Brazing repair

5576 STEM – Ag Mechanics Level 3 Brazing fabrication

5577 STEM – Ag Mechanics Level 3 Smithing – A design forged with at least three different formed elements (twists, spirals, and bulbs for example)

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

5580 STEM – Ag Mechanics Level 4 Welding ag repair – repair of ag equipment with welding

5581 STEM – Ag Mechanics Level 4 Welding ag fabrication – creation of new ag equipment with welding

5582 STEM – Ag Mechanics Level 4 Welding general repair – repair of non-ag equipment with welding

5583 STEM – Ag Mechanics Level 4 Welding general fabrication – creation of non-ag equipment with welding

5584 STEM – Ag Mechanics Level 4 Welding artistic fabrication – creation of artistic or interpretive pieces with welding

5585 STEM – Ag Mechanics Level 4 Brazing repair

5586 STEM – Ag Mechanics Level 4 Brazing fabrication

5587 STEM – Ag Mechanics Level 4 Smithing – A design forged with at least four different formed elements (twists, spirals, and bulbs for example)

### BUILDING BLOCK CONSTRUCTION (LEGOS)

1. 4-H members must be currently enrolled in the Kansas 4-H STEM – Architectural Block Construction project to exhibit in this division.
2. Each exhibitor may enter one exhibit. Exhibits must have been constructed during the current 4-H year.
3. Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep.
4. It is recommended that all exhibits should be placed in a sturdy see through enclosure with a top, bottom, and 4 sides. A fish tank or plastic tub turned upside down with the contents on the lid would be an acceptable enclosure. This is to keep exhibit parts from being “scattered to parts unknown” at the fair. The outer dimensions of the enclosure are part of the total exhibit dimensions. (This is REQUIRED at the Kansas State Fair, but recommended for McPherson 4-H Fair)
5. All components used in construction should be dust free, clean, free of chips, scuffs, or cracks
6. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®
7. Other components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks, fore example marbles for small round objects.
8. 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 are using individual bricks to create something different than the architectural component of the set it came from.
9. The design should have a central theme, for example a garage, a house, a shop, this can link back to architectural elements in the display, for example: toilets, chairs, sofas, plants, pianos, cars, garage doors, spaceships, animals, food, etc.
9. Displays must have significant architectural components (walls, windows, doors, roofs, canopies flying buttresses, etc.), landscapes are discouraged
10. Architectural components should have a consistent look, walls with no pattern or consistency will be deducted one ribbon placing
11. Gaps or cracks should not be visible between assembled blocks
12. Doors should open and close (large doors can be stationary), windows can be either fixed or open and close.
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. You can use a partial wall or no wall, called a reveal, to show what is happening inside of a structure (for example only having three walls to allow an unobstructed view into a room).

15. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. For example, merry-go-rounds, doors, elevators, gears, animatronics, etc. If included judges should be able to use them and instructions should be provided for operation (in story of separate page).
  16. Artistic designs with no architectural design/components are not permitted and two ribbon placings will be deducted
  17. The exhibitor's name(s) and county or district must be tagged or labeled in a prominent location on the display
  18. Each exhibit must include an Architectural Block Construction 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 STEM Architectural Block Construction Exhibit Information Form" which is available through your local K-State Research and Extension office or at [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit.
  20. Each exhibit information packet should include the following items:
    - a. At least one drawing of the desired architecture on graph paper, multiple views (top, front, side) are preferred (they do not need to be to scale).
    - 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 operating instructions for mechanical portions of the diorama
- NOTE- No videos are required for the 4-H Fair.

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

5710 STEM – Block Construction Diorama illustrating at least 2 architectural features beyond floors, ceilings, and walls Experienced

Level 2 classes (4 - 6 years of experience)

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

Level 3 classes (7 - 9 years of experience)

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

Level 4 classes (10 or more years of experience)

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

## Department Y

### WILDLIFE

*Superintendent:*

*Matt Seeger and Zeke Durr*

Entry Time: Thursday, July 25 5-7pm  
Location: Chief Building  
Judging Time: Friday, July 26 – 1:30 pm

LIMITS: *4-H'ers may enter 1 exhibit in each class.*

1. 4-H'ers will sign up for a conference judging time when they enter their exhibits.
2. The following awards may be presented in this department: Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions
3. Read "General Rules."
4. Types of exhibits in this division are open to educational or creative displays, educational posters or notebooks. Follow copyright laws as explained in the General Rules as you are preparing your exhibit. Care should be taken to use durable materials that will withstand fair conditions.
5. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display maximum size is a 3' x 4' tri-fold display board. Tables will be provided for displays - do not bring a card table. Card Table Displays are not eligible for State Fair.
6. Exhibitors must comply with state and federal laws. It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.
7. Notebooks and Displays will be judged on the following points:
  - 15 - Stopping Power: Is the main idea specific? Is the idea presented clearly, simply, forcefully?
  - 15 - Interest/Holding Power: Does the exhibit give the observer additional acts in a clear, concise informative way?
  - 15 - 4-H Project Application: Is the subject matter an effective showcase?
  - 5 - Mechanical Power: Correct letter size, pleasing color combination, appropriate symbols, and models?
  - 25 - Personal growth: How much knowledge was gained by exhibitor?
  - 25 - Educational Value: Knowledge shared? Note: credit all citations, websites or other resources used in creating your exhibit.

#### Class 4301 - Notebook

Contents pertain to some phase, results, story or information about the wildlife.

#### Class 4302 - Educational Poster

Must relate to something learned in the Wildlife Project (posterboard or foam board).

#### Class 4303 - Educational Display

Must relate to something learned in the Wildlife Project.

#### Class 4304 - Taxidermy/Tanning Exhibit

Should include an attachment that shows the work in progress through photos and captions, or a detailed journaling of the process.

## Department Z: WOODWORKING

*Superintendent: Paul and Robin Johnson*

Entry Time: Thursday, July 25th 5-7pm

Location: Chief Building

Judging Time: Friday, July 26 – 1:00 pm

Conference Judged

**LIMITS:** 4-H'ers may enter a maximum of 6 exhibits.

1. 4-H'ers will sign up for a conference judging time
2. The following awards may be presented in this department:  
Grand Champion and Reserve Grand Champion. Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions
3. Read "General Rules."
4. All exhibits must have been the work of the current club year.
5. The plan from which it was constructed must be with the article exhibited.  
The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide, not just step by step instructions.
6. Projects with missing or insufficient plans will be lowered one ribbon placing.
7. The use of materials other than wood should be kept to a minimum.
8. The entry card, plans and all other paperwork should be secured to the project in some manner. Tape is usually not adequate to accomplish this. It is recommended to use a zip top plastic bag with a hole punched through it and using string to tie this to the exhibit.
9. In judging woodwork articles, consideration will be given to: workmanship, including accuracy to the plan; design; choice of wood; suitability and quality of finish; and usefulness.
10. Refinished/repaired furniture should be exhibited in Home Environment.
11. Projects made from pre-cut kits are not allowed.

Class 3601 - Article for farm or shop use

Class 3602 - Furniture for household or lawn use

Class 3603 - Other woodwork. Articles not included in above classes.

Examples: bird houses, bird feeders, household equipment such as knife racks, bread boards, door stops, etc.

# GENERAL LIVESTOCK RULES

## STATE FAIR ELIGIBILITY

- \* All livestock members meeting age requirements are eligible to exhibit appropriately nominated animals at the Kansas State Fair.
- \* Rabbit & Poultry exhibits receiving a blue or purple ribbon are eligible to exhibit at the State Fair. Members must be 9 years of age before January 1 of the current year.
- \* Beef, Sheep and Swine (market and breeding) exhibitors 9 years and older wanting to show at the Kansas State Fair must pre-enter their animals by July 15. Entry forms are available at the Extension Office. Horse entries are due August 1. Nominations are required in May/June.
- \* Kansas State 4-H Horse Show Eligibility:
  - If a member chooses to show at county, district, or state shows they may own or lease a horse, but must manage the horse 75% of the time, whether owned or leased. Youth are encouraged to participate in learning opportunities throughout the 4-H year even if they don't own or have access to a leased horse.
  - Kansas 4-H Horse Project Members, who are currently enrolled in the 4-H Horse Project are eligible to compete at the Kansas State Fair 4-H Horse Show if the following are met between October 1 and August 1 of the 4-H program year:
    1. The horse is properly identified for the Kansas 4-H Horse Project. A properly identified horse is either a) registered with a breed association in the 4-H'ers or an immediate family member's name by June 1 of the current 4-H program year, or b) identified with a Kansas 4-H Horse ID Form signed by the local Extension Agent by June 1 of the current 4-H program year. The 4-H member must have a copy of the 4-H Horse ID form signed by the local agent or a copy of the horse's registration papers on file with their local Extension Office by June 1 of the current 4-H program year. Please see "Horse Ownership" for more clarification.
    2. Exhibit a properly identified horse at a horse show in a class group and be qualified to exhibit in any class included in that group. The horse show need not be a "4-H" show. Shows may include: open shows, circuits, local associations (SCSHA, etc), breed/discipline associations (AQHA, APHA, NRHA etc.). Qualification for each group is based on one horse/rider combination. Exception: If a 4-Her qualifies more than one mare/gelding in the same halter class. In this case, another 4-Her can show the second horse in the appropriate halter class at the State Fair.

*PLEASE VIEW THE KANSAS STATE FAIR BOOK TO ENSURE YOU ARE QUALIFYING UNDER THE CORRECT CLASS GROUPING FOR THE HORSE SHOW*



## ENTRY

\* Pen reservations must be made for all animals being brought to the 4-H Fair. Pen reservation information will be included in a mailed livestock letter and will need to be returned to the Extension Office by July 16 to get spaces reserved with your club.

\* CHECK SCHEDULE OF EVENTS FOR EXACT TIME EXHIBITS ARE TO BE IN PLACE.

## STALLS

\* All exhibitors must furnish their own feed, bedding and equipment. All alley-ways are to be kept free of feed and equipment.

\* Livestock Exhibitors will be required to clean their own stall before they receive their premium. Stalls must be cleaned after vacating the stall/pen or *before* Tuesday Clean-up (which is at 10:30am). A \$5 fee/pen will be assessed for each pen left uncleaned. Each member is responsible for finding a fair board member or superintendent to check them out and give them an okay.

## LIVESTOCK HERDSMANSHIP

Judging will be done on a club basis by a committee. Displays will be judged multiple times during the fair. All clubs are automatically entered in this area of competition. Herdsmanship inspection will be unannounced and unscheduled. No inspection will be made while showing livestock. Herdsmanship Awards will be given as follows: Overall Educational Aspect, Overall Cleanliness, Overall Stall Décor and Identification. Other awards may be announced at judges' discretion. Cash prizes will be given to clubs for these awards.

## LIVESTOCK SALE

\*See Livestock Sale Section

## FITTING AND SHOWING

\* The purpose of grooming rules for junior exhibitors is to promote the youth program as a learning experience for the youth. All exhibitors are expected to care for and groom their animals throughout the show. Grooming at the McPherson 4-H Fair for livestock shows may include the use of adhesives, paints, and powders and shall not include the use of hair not from the animal being groomed or twine/artificial material.

\* Immediate family members (to include parents, legal guardians, siblings, and grandparents) and current McPherson 4-H members that are exhibitors at the show may provide grooming and care to assist the junior exhibitor, regardless of if the exhibitor is present while such grooming and/or care is being provided.  
\*\* Note - legal guardians in Kansas must be appointed by the court. Please be prepared to present court order of legal guardianship upon request.

\* All other individuals who do not meet the definition of "immediate family member" or are not exhibitors at the show but who wish to provide consulting assistance to exhibitors shall be deemed "Livestock Helpers." A Livestock Helper may only provide verbal guidance, consultation, and educational assistance.

- \* Livestock Helpers found to be grooming or caring for animals will be warned once. Upon the second violation, an entry deemed by the McPherson 4-H Fair Board or species superintendent to have been groomed or cared for by a Livestock Helper may be disqualified.
- \* Livestock exhibitors must show their own animals. In case an exhibitor has more than one entry in the same class, they may have another McPherson County 4-H member or members assist them.
- \* The same animal cannot be shown in two showmanship classes. For example: A lamb cannot be shown in the Senior division, then brought back by a brother or sister in the Junior division.
- \* Senior Showmanship will be conducted first in all livestock divisions.
- \* One attendant of 4-H age may help an exhibitor. The helper should stay to the side of the animal when it is being worked. Parents are not allowed in the show ring unless given special permission by the species superintendent. If the 4-H member cannot show his/her own animal due to disposition, the animal should stay home.
- \* Showmanship animals must also be shown in regular fair classes.
- \* If a 4-H'er has a conflict and will not be able to show his/her animal, permission must be requested from the 4-H Fair Board before the show.

### ROUND ROBIN SHOWMANSHIP

Champion Intermediate and Senior Showman in the Showmanship Classes of beef, sheep, swine, horse, dairy, dairy goat, and meat goat will advance to the Round Robin Showmanship Contest on Monday. Please read Round Robin rules on page 100.

- \* If a member participates and wins showmanship in a species, the member must advance to the Round Robin.
- \* A 4-H member who has received the Grand Champion award in a previous year may excuse themselves from participating in the Round Robin. The member must indicate to the superintendent prior to leaving the arena for the showmanship class if he/she intends to decline the Round Robin opportunity.
- \* Exhibitors are encouraged to learn from and practice with other 4-H members throughout the fair as they prepare to show each species of livestock.

## IDENTIFICATION

- \* All livestock should show appropriate breed characteristics. Species' superintendents will have final determination of breed classification. Any animal believed to not have specific breed characteristics will show in a crossbred class. Market classes may be broken solely by weight at the superintendents' discretion.
- \* All market animals must have a 4-H ear tag in place. In case of a lost tag, arrangements must be made for a replacement tag within one business day with the Extension Office. The original tag should be turned in to the County Extension Office at the time the replacement tag is secured.
- \* A 4-H'er can only show the animal(s) listed on his/her ID Form or animals weighed in in his/her name. Animals are not transferrable to another 4-H member. Animals that were ID'd as "family" must be designated to the specific 4-H member at entry time.
- \* Any baby animal born after May 1 of the current year to a properly identified animal is eligible to be exhibited.

## MANAGEMENT

- \* The McPherson County 4-H Fair Management and Sponsors are in no way to be held responsible for any loss, damage, accident, injury or death from any cause, to persons, animals or exhibits.
- \* The 4-H Fairgrounds are a drug-free, safe environment. NO alcohol, drugs or tobacco will be allowed on the 4-H Fairgrounds.
- \* Each division Superintendent reserves the right to split classes at his/her discretion.
- \* The McPherson County 4-H Fair Board reserves the right to test any animal for illegal substances. If illegal substances are found, the 4-H member will be barred from exhibition in McPherson County for life and will forfeit any and all premiums and prizes. Test results will be shared with the appropriate authorities and Kansas State 4-H. The decision of the McPherson County Extension Executive Board, or its designated agents, to disqualify and/or bar a 4-H'er from future competition and to determine that the 4-H'er will forfeit prizes and premiums, will be binding and not subject to the jurisdiction of any court.
- \* Use of tranquilizers will not be allowed.

*Cruelty to Animals Policy:* The 4-H Fair Board defines cruelty to animals to be striking an animal with an object with such force that may cause damage or bleeding, inclusive of improper care. Cruelty will not be tolerated at any time for any reason on the 4-H Fairgrounds. Any youth or adult being cruel to an animal will result in immediate disqualification of the youth.

## **HEALTH REQUIREMENTS FOR LIVESTOCK**

All animals are subject to examination by the exhibition staff or their representatives, and shall be free of clinical signs of infectious or contagious disease. Any animals having visible signs of infectious or contagious diseases will not be cleared to show until inspected and cleared by a veterinarian. Any animal found by the veterinarian to have lesions of ringworm, warts, or to be infested with mange will not be permitted to exhibit and must return home immediately.

**Cattle:** Cattle determined by exhibition staff to have lesions of ringworm, warts or to be infested with mange will not be permitted to exhibit.

**Sheep:** Sheep must be free of any signs of “sore mouth,” and active fungal infections, including club lamb fungus and ringworm. All sexually intact (ewes and rams) and wethers must be identified with an official USDA premise ID tag.

**Goats:** Goats determined by exhibition staff to have sore mouth, lesions of ringworm, warts or to be infested with mange will not be permitted to exhibit. All sexually intact (does and bucks) and wethers must be identified with a registered tattoo or an official USDA premise ID tag.

**Horses:** A negative Coggins test within 12 months for equine infectious anemia is not required for the 4-H Fair but is required for the Kansas State Horse Show. Members are strongly encouraged to vaccinate their horses for West Nile Virus.

**Poultry:** All poultry, except waterfowl, must show proof that they are pullorum – typhoid clean by one of the following methods:

- Originate from a Pullorum–Typhoid clean flock as evidenced by an official VS Form 9-3, certifying all birds in the flock over 4 months of age have had a negative test for pullorum–typhoid within the past year.
- Present evidence that the entries were purchased from a U.S. Pullorum–Typhoid clean source and have been the only poultry on the premises.
- Present an official VS 9-2 Form, signed by an official testing agent showing the entries have had a negative pullorum–typhoid test within the preceding 90 days

## UNETHICALLY FITTED LIVESTOCK

The showing of unethically fitted livestock, the showing of livestock of any ineligible age for exhibition in the class entered, or the misrepresentation of breeding or milking status is prohibited. Unethical fitting will be deemed to consist of changing the normal conformation of any part of the animals' body or using drugs, including over the counter and/or extra-label, or mechanical devices to alter the physical makeup and/or performance of the animal. This includes but is not limited to the following:

- a. Animals that are in milk due to an unnaturally induced lactation
- b. Balancing the udder by any means other than leaving naturally produced milk in any or all quarters.
- c. Treating or massaging any part of the animal's body, internally or externally, with an irritant, counterirritant, or other substance to alter conformation.
- d. Minimizing the effects of cramping by feeding or injecting drugs and depressants or applying packs or using any artificial substance to alter conformation.
- e. Blocking the nerves to prevent limping or switching of the tail.
- f. Striking the animal to cause swelling in a depressed area.
- g. Surgery or other practices performed to change the natural contour or appearance of the animal's body, hide, or hair, except the removal of warts or horns and the permitted clipping and dressing of the hair and trimming of hooves.
- h. Insertion of foreign material under the skin.
- I. Changing the color of hair on any area on the animal's body. Any grooming material that allows color to move off from any animal will not be allowed to show.
- j. The act of artificially filling animals internally.
- k. The use of alcoholic or carbonated beverages in the feed or administered as a drench.
- l. The use of diuretics.

Ethical use of wholesome and reasonable animal husbandry practices such as electrolyte drench in hot weather, may be exercised provided permission is granted in advance by show management and the application is observed by show management.

## DIVISION LIVESTOCK SALE

### Livestock Sale Committee Members:

*Lee Burgess  
Tiffany Durr  
Zeke Durr  
Marci Fox  
Craig Galle*

*Read Gleason  
Janell Harman  
Dale Knoll  
Cherri Knoll  
Jeff Kruse*

*Derek Sawyer  
Landon Shaw  
Shelby Shaw  
Matt Toll*

Sale Time: Monday, July 29 – 7:30 pm  
(following the Parade of Champions)

1. If you have questions about the 4-H Fair Livestock Sale, please ask a Livestock Sale Committee Member.
2. 4-H members must declare to a Livestock Sale Committee member 30 minutes after the completion of each species show their intention to participate in the 4-H Fair Livestock Sale. A Livestock Sale Committee member will be at the announcers stand for 30 minutes after the conclusion of each show.
  - a.) It is each 4-H members' responsibility to report to a Livestock Sale Committee member. If this deadline is not met, the 4-H member will not participate in the sale with that species.
  - b.) A biography form will be given out at fair set up for each 4-Her. That form will be required to be turned in at the time they declare their animal by 30 minutes after show time.
3. A 4-H member will be allowed to sell only one animal through the 4-H Fair Livestock Sale. Other animals exhibited may sell at the established floor price, if there is one, or taken home.
4. A member showing more than one species must declare for each species. A member will be allowed to remove an animal from the sale list, but will not be allowed to add an animal after the species deadline. This deadline is 30 minutes after the completion of each species show. For example, if a member has a beef, sheep and swine animal, the member must declare to a Livestock Sale Committee member no later than 30 minutes after the completion of each specie show.

Q:) What if the member wants to wait to see how their pig does?  
A:) If the member decides to sell the pig and not the beef, the member would need to declare to a Livestock Sale Committee member his/her intention to sell the pig and also tell them to remove the beef animal declared earlier.
5. All animals to be sold at premium or floor must be weighed in at designated species time of entry. Scales close at the end of each species check-in time.
6. The species sale order will be on a rotational basis with the lead species rotating to the 4th position the following year. The rotation for 2024 will be Meat Goats, Beef, Sheep and Swine.

7. A handling charge (not to exceed 7%) may be deducted from the member's check only to cover Livestock Buyer's recognition items and other sale costs.

8. In order to receive your premium check in full you will be required to:

- Attend the Fair Set Up mandatory livestock sale meeting (Tuesday prior to the Fair),
- Attend the Buyer's Appreciation Meal Set Up and Clean Up (during the fair),
- Be a member of McPherson County 4-H,
- Enrolled and show in the market class (breeding animals are not eligible for the sale, so declare them as market at tag ins: Feb 28-29 for beef and May 1 for sheep, goats & pigs).

**If you are unable to meet these requirements you will see a 5% deduction per requirement not fulfilled from your premium check.**

9. The Livestock Sale Committee is not guaranteeing the sale of any livestock. If a floor price is available for an individual species it will be offered to all exhibitors of that species.

10. Livestock members wanting to participate in the 4-H Fair Livestock Sale must be present for the sale. Exceptions can be made by the Livestock Sale Committee. A written request must be presented to the sale committee a minimum of one (1) week prior to the sale.

11. All 4-H'ers must sell/lead their own animal in the sale ring. If an exception is sought, it must be presented to the Livestock Sale committee no later than noon on Sunday of fair week.

12. YQCA training/certification will be required to sell any market animal.

13. It is the responsibility of the 4-Her to have scheduled butcher dates following the fair, if that is the desire of the 4-Her.

14. Animals must meet the following weight minimums to be sold in the livestock auction:

- o Beef – Steers 950 lb & market heifers 900 lbs
- o Goats – 40 lbs
- o Market Lambs – 90 lbs
- o Market Hogs – 210 lbs

# Department L1 BEEF

*Superintendent: Jeff Kruse*

Entry Time: Friday, July 26 – 7:30-11:30 am (must be on the grounds and checked in)

Judging Time: Sunday July 28 – 9:00 am or following Bucket Calf Show

Release Time: Monday, July 29– Optional check-out at 9:00am for non-sale animals, all animals are released at conclusion of premium auction

LIMITS: *No club member will be allowed to exhibit more than 3 breeding, 3 market steers and 3 market heifers. If showing 3 market steers, only 2 may be crossbred and the 3rd steer must be a purebred.*

1. The following awards may be presented in this department:
  - a. Grand Champion Market Steer, Grand Champion Breeding Heifer, Grand Champion Market Heifer, and Grand Champion Junior, Intermediate & Senior Beef Showman. Champion and Reserve Champion Market Steers may be selected in each breed. Champion and Reserve Champion Breeding Heifers may be selected in each breed. Champion and Reserve Champion Rate of Gain will be selected.
2. Read "General Rules and "Livestock General Rules."
3. Current YQCA certification is required for all exhibitors.
4. See "General Rules - Fitting and Showing"
5. All cattle, including breeding heifers, must be checked in at proper weigh-in time.
6. A 4-H'er can only show the animal(s) listed on his/her ID Form or animals weighed in his/her name. Animals are not transferrable to another 4-H member.
7. All market steers and market heifers must have been dropped after January 1, 2023.
8. Both registered and purebred females are eligible for the breeding classes. Females not representative of a breed will show in a commercial class. All commercial breeding heifers must have a state 4-H ear tag. All purebred breeding heifers must be identified with a tattoo or 4-H ear tag.
9. Superintendent will make final determination of breed classification.
10. Steers under 950 pounds and Market Heifers under 900 pounds will show in a lightweight class, will not be eligible to sell at the 4-H Livestock Sale or be eligible for rate of gain.



11. Market heifers are a market animal, and therefore, cannot be bred.
12. The beef show will begin with showmanship classes, followed by breeding classes and then market classes.
13. Straw will be allowed in the beef barn. The beef barn will be cleaned out following the Livestock Auction or Tuesday from 10:30-Noon. Beef exhibitors need to check out with the Superintendent.

### Section-List Breed

- Class 1301 Market Steers
- Class 1302 Market Heifers
- Class 1303 Heifer Calves dropped after September 1, of prior year
- Class 1304 Heifer summer yearlings dropped between May 1 and August 31, of prior year
- Class 1305 Heifer junior yearlings dropped between January 1 and April 30, of prior year.
- Class 1306 Heifer senior yearlings dropped between September 1, and December 31, of prior two years.
- Class 1307 Heifers or cows dropped before September 1, of prior two years
- Class 1310 Cow and calf

### Showmanship

- Class 1312 Junior (7-9)
- Class 1313 Intermediate (10-13)
- Class 1314 Senior (14 & Older)

## Department L2 BUCKET CALF

*Superintendent:*

- Entry Time: Friday, July 26 – 7:30-11:30 am (must be on the grounds and checked in)
- Judging Time: Sunday July 26 – interviews begin 15 mins after conclusion of beef show with showmanship to follow.
- Release Time: Monday, July 29– Optional check-out at 9:00am for non-sale animals, all animals are released at conclusion of premium auction

**LIMITS:** *Members will not exhibit more than 1 bucket calf per division.*

1. An overall Grand Champion may be chosen from Bucket Calf exhibitors as well as Second Year Bucket Calves.
2. Read “General Rules” and “General Livestock Rules.”
3. Bucket Calf judging will begin with conference judging in the barn. Exhibitors are encouraged to create signs/posters about their calf, promoting the project or showcasing what they have learned. The arena show will follow.
4. First year animals shall be born after January 1st, 2024. Animals must be owned and in sole care of exhibitor on May 1st, 2024, receiving no

further care from the cow.

5. All Bucket Calves must be identified to the Extension Office by May 1.
6. Second Year Bucket Calves must be identified by May 1 as bucket calves. They may also weigh in and ID with the beef project if enrolled. Second Year bucket calves will be eligible for the 4-H Livestock Sale if shown in market beef and make eligible weight.
7. Only brushing and washing will be allowed for 1st year Bucket Calves. No clipping of animals is allowed. (Second year animals may follow the fitting rules of the Market Beef show.)

1st Year Bucket Calf Juniors (Ages 7-9)

\* Class 1401 Show Ring. No show sticks, combs, or brushes allowed in ring during show.

\* Class 1402 Conference Judging

1st Year Bucket Calf Seniors (Ages 10-12)

\* Class 1403 Show Ring. Show sticks, combs, and brushes must be used during show.

\* Class 1404 Conference Judging

Second Year Bucket Calf (All returning members)

\* Class 1405 Show Ring. Show sticks, combs, and brushes must be used

during show.

\* Class 1406 Conference Judging

## Department L4 DAIRY

*Superintendents: Lee Burgess*

Entry Time: Friday, July 26 – 7:30-11:30 AM (with the exception of Milk Cows which must be in place by Sunday at 8:00 am)

Judging Time: Sunday, July 28 – 8:00 am

Release Time: Monday, July 29– Optional check-out at 9:00am for non-sale animals, all animals are released at conclusion of premium auction

*LIMITS: No member will be allowed to exhibit more than two animals in any one class of a project with a limit of 6 animals total.*

1. The following awards may be awarded in this division - Grand Champion Dairy and Grand Champion Junior, Intermediate & Senior Dairy Showman. Champion & Reserve Champion may be selected from each breed.
2. Read “General Rules” and “General Livestock Rules.”

3. Superintendent will make final determination of breed classification.
4. All heifers must be owned by the 4-H member as of May 1 this year (unless leased, then a lease form must be turned into the Extension Office by May 1). Livestock exhibitors must show their own animals. In case an exhibitor has more than one entry in the same class, they may have another currently enrolled member or members assist them.
5. Only those animals listed on the I.D. form turned into the Extension Office on May 1 are eligible to show. Animals are not transferrable to another member.
6. The Dairy Show will begin with showmanship followed by Classes 1701-1714.  
Section - List Breed  
Class 1701 Spring Calf dropped between March 1- June 30, current year  
Class 1702 Winter Heifer Calf dropped between December 1 (prior year) and February 28, current year  
Class 1703 Fall Heifer Calf dropped between September 1 to November 30, previous year  
Class 1704 Summer Yearling dropped between June 1 to August 31, previous year  
Class 1705 Spring Yearling dropped March 1 to May 31, previous year  
Class 1706 Winter Yearling dropped between December 1, 2022 and February 28, 2023  
Class 1707 Fall Yearling dropped between September 1-November 30, 2022  
Class 1708 Jr. Cow dropped between March 1-August 31, 2022  
Class 1709 Sr. Cow dropped between September 1, 2021 and February 28, 2022  
Class 1710 3-year-old dropped between September 1, 2020 and August 31, 2021  
Class 1711 4-year-old dropped between September 1, 2019 and August 31, 2020  
Class 1712 5-year-old dropped between September 1, 2018 and August 31, 2019  
Class 1713 Aged Cow born before September 1, 2018  
Class 1714 Dry Cow

#### Showmanship

- Class 1716 Junior (7-9)
- Class 1717 Intermediate (10-13)
- Class 1718 Senior (14 & Older)

# Department L5 DAIRY GOAT

*Superintendents: Lee Burgess*

Entry Time: Friday, July 26 – 7:30-11:30 AM

Judging Time: Sunday, July 28 – 8:00 am

Release Time Monday, July 29– Optional check-out at 9:00am for non-sale animals, all animals are released at conclusion of premium auction

**LIMITS:** A limit of 4 does with no more than 2 per class.

1. The following awards will be awarded in this division - Grand Champion Dairy Goat, and Grand Champion Junior, Intermediate & Senior Dairy Goat Showman, Champion & Reserve Champion Senior Doe, Champion & Reserve Champion Junior Doe.
2. Read “General Rules” and “General Livestock Rules.”
3. Animals must be owned by member by May 1.  
Only those animals listed on the I.D. form turned into the Extension Office by May 1 are eligible to show.
4. Papers are not required for 4-H Fair; however, papers are required for Kansas State Fair.
5. Dairy goats must be dehorned or disbudded to show at the 4-H Fair.
6. Superintendent will make final determination of breed classification.
7. Dairy Goats in milk can arrive the day of the show and leave after the show.

## Section - List Breed

Class 1901 Junior Kid (under 4 months)

Class 1902 Intermediate Kid (4 to 8 months)

Class 1903 Senior Kid (8 to under 12 months)

Class 1904 Junior Yearling (12 to 24 months)

Class 1905 Senior Doe (under 2 years of age)

Class 1906 Senior Doe (2-4 years of age)

Class 1907 Senior Doe (over 4 years of age)

Showmanship

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Class 1911 Junior (7-9)

Class 1912 Intermediate (10-13)

Class 1913 Senior (14 & Older)

# Department L6 HORSE

*Superintendents: Becky Dillon*

Entry Time: Monday, July 22nd 5:00 - 5:30pm  
Judging Time: Monday, July 22nd 6:00pm  
Release Time: At the conclusion of the show

Participation Rule: A member will receive participation points in the high point drive unless disqualified for cruelty to animal. Then, member will lose participation points and premium money.

1. The following awards may be awarded in this division - High Point Walk-Trot, High Point Junior, High Point Senior, Grand Champion Junior, Intermediate & Senior Horse Showman, Grand Champion Gelding and Grand Champion Mare.  
\*\*\* Showmanship points will count in participants respective divisions (Walk-Trot, Junior, Senior).  
\*\*\* In case of a tie for high point, it will be broken by adding the scores of the horsemanship and equitation classes. If still a tie, judge will break the tie.  
\*\*\* Halter, Two-year old and Pleasure Pairs classes will not count toward high point award
2. Read "General Rules" and "General Livestock Rules."
3. Horses are shown at owner's risk.
4. The age of a horse is determined as of January 1, in the year a horse is born. A weanling colt is a foal of 2024 irrespective of which month it is born; a colt born in 2023 is a yearling colt; and a colt born in 2022 is a two-year old.
5. Stallions may be shown as weanlings only in Class 1805.
6. Rules listed in the 4-H Horse Show Rule Book apply to this show.
7. I.D. certificates must be on file in the County Extension Office by June 1.
8. A colt or filly foaled after May 1 is eligible for show only if it is the foal of a project mare.
9. Horses will be allowed to show with a Hackamore bridle, all age horses.
10. The horse show will begin with showmanship classes followed by Classes 1805-1808.

## **Showmanship**

- Class 1800 Senior (14 & Older)
- Class 1801 Intermediate- (10-13)
- Class 1802 Junior- (7-9)
- Class 1803 Horseless Horse

## **Halter**

- Class 1805 3 & Under Colts, all breeds
- Class 1806 4 & Older Gelding, all breeds
- Class 1807 3 & Under Mare, all breeds
- Class 1808 4 & Older Mare, all breeds

**For classes 1811-1847:**

Junior - 12 and younger before January 1

Senior - 13 and older before January 1

**Hunt Seat Equitation**

Class 1811 Senior

Class 1812 Junior

Class 1813 Walk-Trot

**Hunt Seat Pleasure**

Class 1814 Senior

Class 1815 Junior

Class 1816 Walk-Trot

**Bareback Equitation**

Class 1809 Senior

Class 1810 Junior

**Two-Year Old Snaffle Bit**

Class 1855

**Western Horsemanship**

Class 1817 Senior

Class 1818 Junior

Class 1819 Walk -Trot

**Western Pleasure**

Class 1820 Senior

Class 1821 Junior

Class 1822 Pony

Class 1823 Walk-Trot

**Pleasure Pairs Team**

Class 1836

**Trail**

Class 1824 Senior

Class 1825 Junior

Class 1826 Walk-Trot

**Working Ranch Horse**

Class 1837

Class 1838

**Reining**

Class 1827 Senior

Class 1828 Junior

**Barrels**

Class 1829 Senior

Class 1830 Junior

Class 1831 Walk-trot

**Flag Race**

Class 1845 Senior

Class 1846 Junior

Class 1847 Walk-trot

**Poles**

Class 1832 Senior

Class 1833 Junior

Class 1834 Walk-trot

# Department L7 MEAT GOAT

*Superintendent: Sarah Krehbiel*

Entry Time: Friday, July 26 – 7:30-11:30 am  
Judging Time: Saturday, July 27– 6:00 pm  
Release Time: Monday, July 29– Optional check-out at 9:00am for non-sale animals, all animals are released at conclusion of premium auction

*LIMITS:* *A limit of 3 breeding and 3 market goats per exhibitor.*

1. The following awards will be awarded in this division - Grand Champion Breeding Meat Goat, Grand Champion Meat Goat, Grand Champion Junior, Intermediate and Senior Meat Goat Showman. Champion and Reserve Champion Rate of Gain will be presented with an award.
2. Read “General Rules” and “General Livestock Rules.”
3. Current YQCA certification is required for all exhibitors.
4. Only those market animals that attended county-wide weigh-in and breeding animals listed on the I.D. form turned into the Extension Office by May 1 are eligible to show. A 4-H'er can only show the animal(s) listed on his/her ID Form or animals weighed in in his/her name. Animals are not transferrable to another 4-H member.
5. Livestock exhibitors must show their own animals. In case an exhibitor has more than one entry in the same class, he/she may have another member or members assist them.
6. Goats must be free of any signs of “sore mouth” and must be free of signs of active fungal (ringworm) infection. Any other unhealthy condition or disease will make the animal ineligible for entry and showing.
7. See “General Rules - Fitting and Showing”
8. All goats are required to have a scrapies tag in the ear or a registered tattoo.
9. Wethers & Does will be allowed to show in market classes. Goats can be of any breed or combination of goat breeds.
10. Market goats will be divided into classes by weight.
11. Temporary incisors must be in place and there should be no evidence of breaking of the skin or eruption of permanent incisors.
12. Dehorning is preferred. If not dehorned, the horns must be tipped or rounded prior to arrival on the grounds.
13. Market goats should be “slick shorn” with an equal amount of hair above the knee and hock (head and belly excluded) prior to check-in time. A maximum of 3/8" hair length is permitted.
14. 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.
15. Goats under 40 pounds will not be eligible for the 4-H Livestock Sale.
15. Artificial coloring, paint, or powder will not be permitted for use on goats during the entire show.

**Market:**

Class 3801 - Market Goat (doe or wether)

Section – List Breed

Class 3802 – Spring Doe current year

Class 3803 – Fall Doe prior year

Class 3804 – Yearling Doe prior year

Class 3805 – Doe, 2-4 years of age

Class 3806 – Doe, 4 years and older

Showmanship

Class 3808 - Junior (7-9)

Class 3809 - Intermediate (10-13)

Class 3810 - Senior (14 & Older)

Department L8  
POULTRY

*Superintendent: Macy Reiff*

Entry Time: Friday, July 27 – In place by 11:30 am (with classes determined)

Location: Block Building

Judging Time: Sunday, July 28 – 1:00 pm

Release Time: Monday, July 29– Optional check-out at 9:00am for non-sale animals, all animals are released at

LIMITS: Exhibitors are limited to no more than 5 entries in any one class (2103-2111) and no more than 5 birds of either sex in Classes 2112-2115

1. The following awards may be awarded in this division - Grand Champion Poultry, Grand Champion Beginner, Junior, Intermediate and Senior Showmanship.
2. Read “General Rules” and “General Livestock Rules.”
3. The following ages will be used to determine correct chicken class:  
Cockerel - a male hatched after January 1; Cock - a male hatched before January 1; Pullet - a female hatched after January 1; Hen - a female hatched before January 1. Old - hatched before January 1; Young - hatched after January 1.
4. All poultry cages will be set-up in class order. No class changes after 11:00 a.m. on Friday, July 21. Tables will be provided for club herdsmanship.
5. Members must furnish own feed and non-tipping feed and water cups. Pens will be furnished.
6. Birds must be identified with a numbered leg band when brought to the fair (available at Extension Office).



6. All chickens and turkeys must be blood tested within 90 days of the show. Must provide written proof of Pullorum testing. See additional requirements under "General Livestock Rules."
7. Poultry should be representative of breed as described in the APA 'American Standard of Perfection.'
8. Upon release - Pens and area are to be cleaned of trash and 4-H member must check out with superintendent when removing birds.
9. The show will start with showmanship.

Class 2103 Production Pullets - Pen of 3.

Standardbred, Crossbred, or Staincross pullets to be judged on egg production qualities.

Class 2104 Production Hens - Pen of 3.

Standardbred, Crossbred, or Staincross pullets to be judged on egg production qualities.

Class 2105 Dual Purpose Pullets-Pen of 3.

Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

Class 2106 Dual Purpose Hens - Pen of 3.

Such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.

Class 2107 Standard Breeds, Large Fowl; (One young bird of either sex)

Class 2108 Standard Breeds, Large Fowl (One old bird of either sex)

Class 2109 Standard Breeds, Bantams (One young bird of either sex)

Class 2110 Standard Breeds, Bantams (One old bird of either sex)

Class 2111 Meat-Type Chickens - 3 standard bred, crossbred, or staincross birds of the same sex to be judged on meat production qualities only.

Class 2112 Turkeys (all breeds; one bird of either sex)

Class 2113 Ducks (Call or Bantam, all breeds; one bird of either sex)

Class 2114 Geese (all breeds; one bird of either sex)

Class 2115 Other Fowl (all ages, all breeds)

### Poultry Showmanship

Class 2117 Junior- (7-9)

Class 2118 Intermediate (10-13)

Class 2119 Senior (14 & Older)

## Department L9 RABBITS

*Superintendent: Macy Reiff*

Entry Time: Friday, July 26 – 7:30-11:30 am  
Location: Block Building  
Judging Time: Sunday, July 28  
Release Time: Monday, July 29 Optional Check-out time for non-sale animals 9:00am, all others must wait until conclusion of sale.

*LIMITS: Rabbit entries must be shown one per pen as a single entry.*

*Exhibitors are limited to 12 rabbits, including showmanship, in Classes 2201-2208. Rabbits entered in Classes 2201-2208 may also be entered in Fur Classes 2210-2217.*

1. The following awards may be awarded in this division - Grand Champion Rabbit, Junior, Intermediate & Senior Rabbit Showmanship. Champion & Reserve Champion may be selected in each breed.
2. Read "General Rules" and "General Livestock Rules."
- 3 All rabbits will be divided into classes by ages and judged according to their breed standard as listed in the ARBA "Standard of Perfection". Only breeds recognized by ARBA may be shown.
4. If a rabbit is disqualified due to a non-conforming trait, the entry will receive a white ribbon.
5. Member must furnish own feed, feed cups, water cups, and litter. Pens will be furnished.
6. Rabbits will be shown by breeds and should be representative of the breed. Classes will be divided by breeds for placing. No mixed breed rabbits may be shown.
7. Entries in classes 2210-2217 must be made from rabbits that are entered in the regular breed classes, 2201-2209.
8. Each rabbit is to be legibly and permanently tattooed in its left ear for identification. Only those rabbits which were listed on the I.D. form turned into the Extension Office on June 1 are eligible to show.
9. Exhibitors must show the rabbit in the correct class according to its age and weight.
10. The show will start with showmanship, followed by Classes 2201-2217.

*Pre-Junior:* (under 3 months) classes only the following breeds:  
Beveren, Blanc de Hotot, Californian, Champagne  
D'Argent, Checkered Giant, American Chinchilla, Giant Chinchilla,  
Cinnamon, Creme D'Argent, New Zealand, and Palomino.

*Junior:* (under 6 months).

*Intermediate:* (6-8 months) classes only in the following breeds:  
American Giant Angora, Beveren, Blanc de Hotot, Californian,  
Champagne D'Argent, Checkered Giant, American Chinchilla, Giant  
Chinchilla, Cinnamon, Creme D'Argent, Flemish Giant, English Lop,  
French Lop, New Zealand, Palomino, Satin and Silver Fox.

*Senior:* 6 months of age or over for breeds other than those listed as  
having Intermediate classes, eight months of age or over for breeds  
having Intermediate classes.

Class 2201 Pre-junior doe. Only breeds listed above.

Class 2202 Junior doe. Under six months of age.

Class 2203 Intermediate doe. Only breeds listed above.

Class 2204 Senior doe. Eight months of age and over for breeds in  
Intermediate. Six months and over for all other breeds.

Class 2205 Pre-junior buck. Only breeds listed above.

Class 2206 Junior buck. Under six months of age.

Class 2207 Intermediate buck. Only breeds listed above.

Class 2208 Senior buck. Eight months of age and over for breeds in  
Intermediate; six months and over for all other breeds.

Class 2209 Meat pen. Three (3) rabbits, all one recognized breed and  
variety, maximum weight 5 pounds each. Will be judged on  
their meat qualities, condition, and uniformity.

### **Fur Classes**

Class 2210 Normal White Fur

Class 2211 White Satin Fur

Class 2212 White Rex Fur

Class 2213 White Wool

Class 2214 Normal Colored Fur

Class 2215 Colored Satin Fur

Class 2216 Colored Rex Fur

Class 2217 Colored Wool

### **Showmanship**

Class 2219 Junior (7-9)

Class 2220 Intermediate (10-13)

Class 2221 Senior (14-18)

# Department L10 SHEEP

*Superintendent:  
Matt and Holly Toll*

Entry Time: Friday, July 26 – 7:30-11:30 am  
Judging Time: Saturday, July 27 – 5:00 pm  
Release Time: Monday, July 29–  
Optional check-out at 9:00am for  
non-sale animals, all animals are released at  
conclusion of premium auction

LIMITS: *A limit of three ewes, and three market lambs per exhibitor.*

1. The following awards may be awarded in this division - Grand Champion Market Lamb, Grand Champion Breeding Ewe and Grand Champion Beginner, Junior, Intermediate & Senior Sheep Showman. Champion & Reserve Champion Female may be selected from each breed. Champion and Reserve Champion Market Lamb may be selected in each breed. Champion and Reserve Champion Rate of Gain will be selected.
2. Read “General Rules” and “General Livestock Rules.”
3. Current YQCA certification is required for all exhibitors.
4. Only those market animals which attended the county-wide weigh-in and breeding animals listed on the I.D. form turned into the Extension Office by May 1 are eligible to show.
5. Both registered and purebred females are eligible for the breeding classes. Females not representative of a breed will show in a crossbred class.
6. Superintendent will make final determination of breed classification.
7. Lambs under 90 pounds will not be eligible for the 4-H Livestock Sale or rate of gain.
8. Market lambs must be slick shorn prior to coming to the 4-H Fair. Breeding ewes do not need to be sheared.
9. The Sheep show will be a no-fit show.
10. All animals to be sold at premium or floor must be weighed in at time of entry.
11. No artificial coloring will be allowed on lambs, except on the hooves.
14. Breeding sheep are not eligible to be sold at floor price or to be auctioned.
15. The sheep show will begin with showmanship classes, followed by breeding classes, market classes.

## Section - List Breed

Class 1501 Market Lamb

Class 1502 Breeding Ewe Lamb born after January 1, 2024

Class 1503 Breeding Ewe Lamb born between September 1 and December 31, 2023

Class 1504 Yearling Ewe born between January 1 and September 1, 2023.

## Showmanship

Class 1507 Junior (7-9)

Class 1508 Intermediate (10-13)

Class 1509 Senior (14 & Older)

### Department L11

### SWINE

*Superintendent:*

*Reed Gleason,*

*Kurtis Niehage, Quentin*

*Shaw*

Entry Time: Friday, July 26 – 7:30-11:30 am

Judging Time: Saturday, July 27 – 9:00am

Release Time: Monday, July 29– Optional check-out at 9:00am for non-sale animals, all animals are released at

*LIMITS:* *A limit of two breeding gilts and four market animals per exhibitor, a maximum of 2 entries per class.*

1. The following awards may be awarded in this division - Grand Champion Market Hog, Grand Champion Breeding Gilt and Grand Champion Junior, Intermediate & Senior Swine Showman. Champion and Reserve Champion Breeding Gilt may be selected from each breed. Champion and Reserve Champion Market Hog may be selected in each breed.
2. Read "General Rules" and "General Livestock Rules."
3. Current YQCA certification is required for all exhibitors.
4. Superintendent will make final determination of breed classification.
5. Market Hogs under 210 lbs. will be shown in lightweight class and will not be eligible to sell at the 4-H Livestock Sale, will not be floor priced, and are members' responsibility to take home.
6. All swine must be tagged and breed identification made by May 1. Only those animals listed on the I.D. form turned into the Extension Office on May 1 are eligible to show. Animals are not transferrable to another member.
7. Both registered and purebred females are eligible for the breeding classes. Females not representative of a breed will show in a crossbred class.
8. NO CLIPPED PIGS that the hair is shorter than ½ inch. Swine will be checked by a superintendent. If hair is shorter than ½ inch that swine entry will be docked one ribbon color.
9. Breeding gilts may be sold at floor price if proper arrangements are made.
10. All non-sale animals will be released immediately following the show.
11. The swine show will begin with showmanship classes, followed by Classes 1601 - 1602.

Section - List Breed

Class 1601 - Market Hogs (barrows or gilts)

Class 1602 - Breeding Gilts

Showmanship

Class 1604 - Junior (7-9)

Class 1605 - Intermediate (10-13)

Class 1606 - Senior (14 & Older)

## ROUND ROBIN SHOWMANSHIP

*Superintendent: Derek  
Sawyer*

Judging Time: Sunday, July 28 – 7:00 pm

Release Time: Completion of Round Robin

1. The following awards may be awarded in this division - Grand Champion Intermediate and Senior Round Robin Showman. Reserve Grand Champions in each age division will be recognized.
2. Read "General Rules" and "General Livestock Rules."
3. All 4-H members are eligible to exhibit their animal in their project species and can be declared a showmanship winner in more than one species area. Members will advance to the Round Robin in the first species they are named a champion. To ensure that all species are represented, livestock superintendents will work together to fill all spots. If a member wins more than one showmanship contest the order of advancement to the Round Robin will be based on the ascending order of judge's rankings.
4. All participants for each species will receive a 0 score on the specie they are representing. Each show person will be judged using a 20 point system on each of the other five species.
5. A tie will be broken by throwing out the highest and the lowest scores and then averaging the middle three scores. If there is still a tie, the 4-H'er with the lowest single score will lose the tie.
6. The winner will be announced prior to the 4-H Livestock Sale.
7. A 4-H member who has received the Grand Champion award in a previous year may excuse themselves from participating in the Round Robin.
8. Participants are encouraged to learn from and practice with other exhibitors throughout the weekend to prepare to show each specie during the Round Robin Competition.
9. The Intermediate and Senior Round Robin showmanship contests will be held simultaneously. Each participant will have 3-5 minutes to show each species involved.
10. It is an honor to participate in the Round Robin. Please have your animals show worthy - clean and prepared for show.



# **K-STATE**

## **Research and Extension**

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