

4-H FAIRBOARD

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Mark Toews	Kaylee Littrell
Rhonda Toews Moore	Reed Wiens

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Terra Regehr
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SPECIAL THANKS TO ALL WHO HELP MAKE THE FAIR POSSIBLE

Schedule of Events.....	3-5
General Rules.....	6-9
Alternative Energy.....	26
Arts and Crafts.....	15-16
Barnyard Olympics.....	12
Beef.....	80-81
Bicycle Rodeo.....	16-17
Booths and Banners/Duct Tape.....	17-19
Bucket Calf.....	81-82
Clothing.....	19-21
Cloverbuds.....	10
Dairy.....	82-83
Dairy Goat.....	84
Decorated Cookie Jar.....	12-13
Dog.....	21-22
Electrical and Electronics.....	23-24
Entomology.....	27-32
Exploring.....	32-33
Fashion Revue.....	33-35
Fiber Arts.....	35-36
Food-Nutrition.....	37-39
Food Preservation.....	40-41
Forestry.....	42-44
Geology, Mineralogy, and Lapidary.....	45-48
Home Environment.....	49-50
Horse.....	85-86
Judging Contest.....	13-14
Livestock General Rules & Health Requirements.....	73-77
Livestock Sale.....	78-79
Meat Goat.....	87-88
Notebooks.....	50
Performing Arts.....	51
Pets/Cats.....	51-52
Photography.....	53-55
Place Settings.....	41-42
Plant Science.....	55-58
Project Displays.....	59-60
Poultry.....	88-89
Rabbits.....	90-91
Reading Displays.....	60-61
Round Robin Showmanship.....	94
Self-Determined.....	61
Sheep.....	92-93
Shooting Sports.....	62-63
Small Engines.....	24-26
SpaceTech.....	63-70
Swine.....	93-94
Talks and Demonstrations.....	14-15
Wildlife.....	70-71
Woodworking.....	71-72

SCHEDULE

TUESDAY - JULY 18

- 5:00 pm** Space Reservations Due (Project/Reading Displays, Shooting Sports Displays and Self Determined).
5:30 pm FAIRGROUND SET-UP/CLEAN-UP - All 4-H Families
Grab and Go Picnic Supper (provided) to follow set-up - All 4-H Families

FRIDAY - JULY 21

- 7:30-10:00 Beef, Bucket Calf, Sheep and Meat Goat Weigh-In/Check-In
8:30-11:00 Exhibits to be in place in the 4-H Building: Entomology; Photography; Project Displays and Reading.
Exhibits to be in place in the Chief Building: Booths/Banners; Energy Management-Electrical & Electronics, Small Engines, and Alternative Energy; Forestry; Geology; Home Environment; Notebooks; Self-Determined; Shooting Sports; and Wildlife.
- (Exhibits to be entered during their conference judging time: Clothing & Textiles; Cloverbuds; Exploring; Fiber Arts; Foods & Nutrition-Foods, Foods Preservation, Place Settings; Plant Science; Space Tech; Visual Arts & Crafts; and Woodworking.)
- 10:00 Conference Judging: Foods & Nutrition-Foods, Foods Preservation, and Place Settings; Decorated Cookie Jar (scheduled by club)
11:00 Rabbits must be on grounds
11:00 Dairy Goat and Dairy Cattle must be on grounds, except for Dairy Cattle in milk
12:30-1:30 Dairy Goat Check-In (must be on grounds by 11:00 am)
1:00 Conference Judging: Woodworking (Chief Building)
1:30 Conference Judging: Visual Arts and Crafts (4-H Building)
2:00 Conference Judging: Fiber Arts (4-H Building)
3:00 Conference Judging: Electrical/Electronics, Small Engines, Alternative Energy and Self-Determined (Chief Building)
4:00-5:00 Dairy Cattle Check-In (must be on grounds by 11:00 am)
4:30 Conference Judging: Space Tech (4-H Building)
5:30-7:00 Rural Appreciation Supper. Tickets must be picked up at local merchants, not at the Extension Office.
6:00 Live Food Auction of Food & Nutrition and Decorated Cookie Jar Entries, Fundraiser for 4-H Council (Tent)
7:00 Meat Goat Show (Livestock Arena)

SATURDAY - JULY 22

- 7:00-9:30 Swine Weigh-In/Check-In
- 8:30 Conference Judging: Photography (Extension Office Meeting Room)
- 10:00 Conference Judging: Exploring (4-H Building), Plant Science (Chief Building)
- 10:00 Dairy Goats & Dairy Cattle Show (Livestock Arena)
- 11:30 Conference Judging: Cloverbuds (4-H Building)
- 12:00 Conference Judging: Clothing & Textiles (Extension Office Conference Room)
- 1:00 Fashion Revue Judging (Extension Office Meeting Room).
- 1:30 Conference Judging: Forestry; Shooting Sports; Wildlife (Chief Building)
- 2:00 Conference Judging: Entomology (4-H Building)
- 3:30-5:00 Small Engine Judging Contest (Chief Building)
- 4:30 Public Fashion Revue and Performing Arts (4-H Building)
- 5:00-5:30 Horse Check-In (Saddle Club Arena, Crow's Nest)
- 6:00 Horse Show (Saddle Club Arena)
- 6:00 Conference Judging: Poultry (Block Building)
- 6:30 Bicycle Rodeo Check-In (Extension Office Parking Lot)
- 7:00 Bicycle Rodeo (Extension Office Parking Lot)

SUNDAY - JULY 23

- 8:00 Beef Show (Livestock Arena).
- 9:30 Bucket Calf Conference Judging and Show (Will follow Beef Show)
- 9:30 Free Breakfast (Tent)
- 10:00 Church Service (Tent)
- 11:30 Conference Judging: Booths/Banners (Chief Building)
- 12:30 Conference Judging: Notebooks and Home Environment (Chief Building)
- 1:00 Barnyard Olympics (Show Arena)
- 2:00 Conference Judging: Reading Displays (4-H Building)
- 3:00 Conference Judging: Geology (Chief Building)
- 4:00 Conference Judging: Project Displays (4-H Building)
- 5:00 Sheep Show (Livestock Arena)
- 6:00 Hand Pet & Cat Show (4-H Building)
- 6:00 Ice Cream Social for everyone (Tent)
- 7:00 Swine Show (Livestock Arena)

MONDAY - JULY 24

- 8:00 Dog Show (TBA)
- 9:00 Youth Fairgrounds Tours
- 9:00-1:30 Walk-Through Judging Contests – Crops, Horticulture, Life Skills, Livestock Skill-a-Thon, Photography (Extension Office Meeting Room)
- 8:30 Rabbit Show (Block Building)
- 12:00 Talks & Demonstrations (4-H Building)

- 2:00-3:00 Poultry Judging Contest (Extension Office Meeting Room)
- 3:00-4:30 Optional Livestock Check-out Time
- 5:00 Round Robin Showmanship - Beef, Sheep, Swine, Horse, Dairy, Dairy Goat, Meat Goat (Intermediates and Seniors only)
- 6:00 Buyers Appreciation Supper. (Tent) Extra tickets for sale at the Extension Office.
- 7:00 Parade of Champions (Livestock Arena)
- 7:30 Livestock Sale (Livestock Arena)
- 8:00 All exhibits released, Livestock must wait until the completion of the sale to load. (Optional pick-up from 3:00-4:30 or Tuesday morning)

TUESDAY - JULY 25

- 10:30 am Fairground Clean-Up. Exhibits left from Monday evening must be picked up between 9:00-10:30.
- 12:00 pm Pizza Party (4-H Building), if you helped with the Fairground Clean-Up
- 1:00 pm Swimming Party (McPherson Water Park), free tickets available during Fairground Clean-Up

GENERAL RULES

Entry

- **PRE-ENTRIES ARE NOT REQUIRED** with the exception of Performing Arts and the following space reservations: Project and Reading Displays, Shooting Sports Displays, Self Determined and animals needing pen space during the fair. Check department sections for more information.
- **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.

Conference Judging

- Almost all departments use conference judging. 4-H'ers will sign up for a conference judging time, starting Friday at 8:30 AM. 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) can ask the parent to leave.

Awards and Fees

- The Grand Champion awards will be presented during the Parade of Champions (Monday, July 24, 7:00 pm). All other awards will be presented at the time of judging. The Parade of Champions will begin at 7:00 on Monday in the Show Arena. 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/Blue - \$1.50; Red - \$1.25; 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.
- 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.

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, 2017. 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 are the exception).
- Kansas State Fair entries must be made by each 4-H member by August 4 – THIS IS YOUR RESPONSIBILITY! Horse entries are due August 1 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.

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, 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

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 Friday morning for a time to “show and share” their item(s). Show and share will take place on Saturday, July 22 at 11:30 am in the 4-H building. Bring all items with you to your show and share time.

*Class 300 : Cloverbuds

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.

- **Clothing and Fiber Arts:** A label, approximately 2"x3", should be sewn in each garment or article.
- **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.

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.

OPEN TO ALL 4-H MEMBERS

BARNYARD OLYMPICS

*Superintendents:
McPherson County 4-H Ambassadors*

Entry Due: Watch for more entry information soon
Date: Sunday, July 23, 1:00 pm
Location: Show Arena

1. Each team will consist of 4 members. Each team must meet the following criteria:
 - 1 member over 20 years of age (a parent, ex-4-H'er, Ag teacher, producer, etc.),
 - 1 member under 12 years of age,
 - 2 members under 20 years of age,
 - at least 1 member of each gender.
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 DECORATED COOKIE JAR

*Superintendents:
Jo Niehage
Wendy O'Brien*

Entry Time: Friday, July 21 – During Conference Judging
Judging Location: Extension Office Meeting Room
Judging Time: Friday, July 21 – 10:00-2:30 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 21 – 6:00 pm

1. The following awards may be presented in this department: prizes will be awarded to the top 2 jars. Champion will not be awarded in this department.
2. Read "General Rules."

3. Decorated Cookie Jars can be done as a team or as an individual.
4. The jar should be a clear glass, wide-mouth jar of one gallon capacity.
5. The jar must be filled with no less than 4 different kinds of fancy cookies from different batters and dough. Each cookie should be wrapped separately in clear plastic wrap. The cookies must be visible through at least 50% of the jar.
6. Recipes for each cookie must accompany the exhibit.
7. The decorations may not extend more than approximately 4" beyond the jar.
8. Bring 1 of each kind of cookie in a covered flat box with each cookie individually identified and wrapped in plastic wrap so the judge will not need to open the jar. Boxes of cookies will not be returned.
9. The jar will count for 50% and the cookies will count for 50% during the judging.
10. All jars will be sold at the Food Auction on Friday at 6:00 pm.

*Class 1150 - Decorated Cookie Jar

Department AB JUDGING CONTESTS

Superintendents:

Crops: Jon Corn, Sheila Corn, Janell Harman

Horticulture: Sheila Corn

Life Skills: Deanna Sents

Livestock Skill-a-Thon: Janell Harman

Photography: Robin Johnson

Poultry: Sheila Corn

Small Engines: Brian & Julie Wedel

Saturday, July 22

3:30-5:00 pm Small Engines Contest (Chief Building)

Monday, July 24

9:00-1:30 pm Crops, Horticulture, Life Skills, Livestock Skill-a-Thon
Photography (Extension Office Meeting Room)

2:00 pm Poultry (Extension Office Meeting Room)

- 1 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, Intermediate, and Senior); jacket and a medal to the Overall Judger in each age division.
2. To be considered for the Overall Judger Award the 4-H'er must participate in all 7 contests.
3. The Overall Judger Awards will be determined from a composite score of all contests added together.
4. In case of a tie the reasons scores will be used to break the tie.

5. Each contest will have a sign-up sheet when you come to judge. Entry cards are NOT needed.
6. 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 5:00 pm.**
7. 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 1:30 pm.**
8. The Poultry Contest will be done in a controlled format meaning the 4-H'er must be present at the start time to judge.
9. In order to participate on a state judging team the 4-H'er must participate in the respective 4-H Fair Judging Contest.
10. 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.
11. Answers to the judging contests will be available at the Extension Office.

Department AC TALKS & DEMONSTRATIONS

Superintendent:

Entry Time: Friday, July 21 – 8:30-11:00 am exhibitors may sign-up for a time

Location: 4-H Building

Judging Time: Monday, July 24 – 12:00 pm
Conference Judged

1. 4-H'ers will sign up for a time Friday morning.
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 enter either an individual demonstration or an illustrated talk and/or a team demonstration.
5. Demonstrations and Illustrated Talks show a step by step procedure, and explain why each step is essential to develop a particular skill or task. The Illustrated Talk incorporates the use of visual aids (posters, supplies, equipment, etc.) that illustrates the topic being discussed. An informative talk using illustrations is NOT a demonstration or illustrated talk.

- 6 . Length: Minimum time is 3 minutes and the maximum is 20 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.

Class 331 - Demonstrations and Illustrated Talks

Class 332 - Team Demonstration (2 or more Team Members)

PROJECT DEPARTMENTS

Department A VISUAL ARTS & CRAFTS

Superintendents:

Rhonda Toews Moore, Diane Morrison, Christine Vasper

Entry Time: Friday, July 21 – During Conference Judging

Location: 4-H Building

Judging Time: Friday, July 21 – 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 painting, 1 chalk drawing, 2 woodcarvings, 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,
 - Crafts-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. 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.

4. 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.
5. The Grand Champion and the Reserve Grand Champion from the Arts Class and the Crafts Class will automatically advance to the Kansas State Fair (age permitting) unless there is more than one from the same exhibitor. Other entries may be selected by the judges from any exhibits to fill our Kansas State Fair Arts and Crafts quota.

*Class 2501 - Arts (all mediums)

*Class 2502 - Crafts

*Class 2503 - Lego Sculpture

*Class 2504 - Duct Tape Item

Department B BICYCLE RODEO

Superintendent:

Dave Moore/Vaughn Ingram

Entry Time:	Saturday, July 22 – 6:30 pm
Location:	Extension Office Parking Lot
Judging Time:	Saturday, July 22 – 7:00 pm
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: Galen & Jennifer Wiens

Entry Time: Friday, July 21 – 8:30-11:00 am
Location: Chief Building
Judging Time: Sunday, July 23 – 11:30 am
Conference Judged

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

1. 4-H'ers will sign up for a conference judging time Friday morning 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.
2. 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.

3. Read "General Rules."
4. Entries should illustrate some phase of work that is being practiced by the club or individual or is being promoted within the county.
5. 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.
6. Items used in the booth should have been made or grown by the 4-H'ers this club year.
7. 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.
8. Each entry will receive \$15.00 incentive money. You must come to 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. 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
CLOTHING & TEXTILES**

Superintendent:

Entry Time:	Saturday, July 22 – During Conference Judging
Location:	Extension Office Meeting Room
Judging Time:	Saturday, July 22 – 12:00 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 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 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. Each item should have a tag approximately 2"x3" sewn in. It should be written in ink or typed and include the 4-H'ers name, age and club. These tags are available at the Extension Office or from Clothing leaders.
 16. Care labels are not required, however, 4-H'ers should know the care of their garment.
 17. 4-H'ers are to bring the pattern for each entry to the conference judging.
 18. Constructed clothing items used in the Fashion Revue may be taken by the 4-H'er. After the Public Fashion Revue on Saturday afternoon they must be left for display at the 4-H Fair. All other items not used for the Fashion Revue will be left with the Superintendent after the conference judging for display 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:

- Entry Time: Monday, July 24 – 7:30 am
- Location: To Be Determined
- Judging Time: Monday, July 24 – 8:00 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.
8. Female dogs in season will not be allowed to show, nor allowed on the premises.
 9. The exhibitor is responsible for handling, grooming and exercising their own dog(s) on the show grounds, otherwise disqualification will result.
 10. 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

ELECTRICAL & ELECTRONICS

Superintendent: Dave Moore

Entry Time: Friday, July 21 – 8:30-11:00 am
Location: Chief Building
Judging Time: Friday, July 21 – 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 Friday morning 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 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:	Friday, July 21 – 8:30-11:00 am
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 Friday morning 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 ALTERNATIVE ENERGY

Superintendent: Dave Moore

Entry Time:	Friday, July 21 – 8:30-11:00 am
Location:	Chief Building
Judging Time:	Friday, July 21 – 3:00 pm
	Conference Judged

1. 4-H'ers will sign up for a conference judging time Friday morning 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. Alternative 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: Kim Vasper

Entry Time: Friday, July 21 – 8:30-11:00 am
Location: 4-H Building
Judging Time: Saturday, July 22 – 2:00 pm
Conference Judged

1. 4-H'ers will sign up for a conference judging time Friday morning 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. During the transition, Orders & Family names should follow the taxonomy either 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 Project members are encouraged to progress towards option b by 2019 or as revised "Insects in Kansas" book is available.
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:
 - a. "Insects in Kansas" book or
 - b. "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net 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 adult specimens can be used in collection boxes; however one female and one male of a species correctly identified can be displayed.
8. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Arrangements that run lengthwise of the box are frequently downgraded in judging. Specimens are to be arranged by Order in the box, then Family where required. The sequence arrangement of the Orders in the box will be left up to the member. It is suggested to put the Lepidoptera and Coleoptera in the center of the collection (for Intermediate and Advanced Classes to put these two orders in a box). Then work the other orders around them.

9. For each collection class, two labels will 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 on the second label are encouraged for 2017 and will be required by 2019. Collector's name 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. Other specimens from the United States may be included as long as they are properly labeled and placed in a separate section of the box labeled "Out of State Insects". These specimens will not be included in the count for judging/scoring. Emphasis in judging will be placed on the overall variety of insects represented in the collection, accuracy of identification, skill and technique acquired in mounting of specimens, and overall arrangement and appearance of the collection.
11. Only specimens of the class Insecta should be included. This means specimens from arachnids, such as spiders, millipedes, centipedes, ticks, mites, etc. will not be judges or included in overall specimen count.
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. Points will be deducted from collections and notebooks if:
 - a. Non insects and out of state specimens are not in a designated 'display only' area.
 - b. Any specimens are immature.
15. 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 - 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. During the transition, Orders & Family names should follow the taxonomy either
 - 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 Project members are encouraged to progress towards option b by 2019 or as revised "Insects in Kansas" book is available.
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.
4. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor's name, county or district and class 4-H'er is enrolled 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 The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
5. 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.
6. Date, common name, full county name and state abbreviation should be included for each species. Collector's name on the specimen page is optional.
7. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
8. 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.

9. 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.

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

11. 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.

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

***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 - 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: Macie and Lorna Pauls

Entry Time: Saturday, July 22 – During Conference Judging
Location: 4-H Building
Judging Time: Saturday, July 22 – 10:00 am
Conference Judged

LIMITS: 4-H'ers may enter a total of 6 exhibits with no more than 2 entries per class.

1. 4-H'ers will sign up for a conference judging time Friday morning.
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 Saturday, July 22 – 1:00 pm. Public Fashion Revue is Saturday, 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 22 – 7:00 pm.

Department I FASHION REVUE

Superintendents: Shannon Kuder

Fashion Revue Judging

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

Public Fashion Revue

Saturday, July 22 – 4:30 pm
 Location: 4-H Building

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. 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.**
6. Forms that will need to be completed are the Fashion Review 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 or bring to the office/Set-up by July 18th. All other Fashion Revue forms can be brought with you to the Fashion Revue judging.**
7. Two Senior 4-H'ers will be selected for the Kansas State Fair in each of Construction, Girls Buymanship, and Boys Buymanship. Each 4-H can enter only one time. The entry must be made by August 4.

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: Madison Pauls

Entry Time: Friday, July 21 – During Conference Judging
Location: 4-H Building
Judging Time: Friday, July 21 – 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's 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.
 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: Jo Niehage and Wendy O'Brien

Entry Time:	Friday, July 21 – During Conference Judging
Location:	Extension Office Meeting Room
Judging Time:	Friday, July 21 –
10:00-10:40	Good Luck, Livewires-Empire Best
10:40-11:20	Country Cousins, Smoky Valley
11:20-11:50	Friendly Fremont, K-State Wild Kids
11:50-12:20	Golden Opportunity
Exhibitors are strongly encouraged to arrive during their assigned time. If you have other fair commitments, we will work with your schedule.	
	Conference Judged
Release Time:	Perishable Foods-Friday, July 21 at conclusion of judging, but no later than Saturday, July 22 at 4:00 pm Non-Perishable Foods-Sold at the Food Auction on Friday, July 21 – 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 22, 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.

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:
Jo Niehage, Wendy O'Brien*

Entry Time:	Friday, July 21 – During Conference Judging
Location:	Extension Office Meeting Room
Judging Time:	Friday, July 21 – 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. The recommended method of processing must be used. Follow guidelines in K-State Research and Extension Food Preservation publications or USDA's Complete Guide to Home Canning; or So Easy to Preserve, 4th Edition, Cooperative Extension Service The University of Georgia; or Ball Blue Book of Preserving (2003). Open kettle processed foods and oven canned foods will be disqualified. Pickles and sweet spreads must be finished by the water bath process for the altitude of residence. Low acid products must be pressure processed properly for the altitude of residence. Refer to K-State Research & Extension Publication, 4-H 712, Food Safety Recommendations for Food Preservation Exhibits for information to help you make informed, safe food preservation exhibit decisions.
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 salse) (1 jar)
- Class 1106 - 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: Jarod Littrell Family

Entry Time:	Friday, July 21 – During Conference Judging
Judging Location:	Extension Office Meeting Room
Judging Time:	Friday, July 21 – 10:00-2:30 pm during Foods Judging
Exhibit Location:	4-H Building 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: Vaughn Ingram

Entry Time: Friday, July 21 – 8:30-11:00 am

Location: Chief Building

Judging Time: Saturday, July 22 – 1:30 pm

Conference Judged

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

1. 4-H'ers will sign up for a conference judging time Friday morning 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 are recommended. Twigs and fruit collections may be exhibited in whatever manner you choose with a maximum exhibit size of 2'x3'.
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 (day, month, 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: Lois Larson

Entry Time: Friday, July 21 – 8:30-11:00 am
Location: Chief Building
Judging Time: Sunday, July 23 – 3:00 pm
Conference Judged

LIMITS: 4-H'ers are limited to 1 entry in 3001-3005 and 1 entry in 3008-3010.

1. 4-H'ers will sign up for a conference judging time Friday morning 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. 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. 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, 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.
9. 4-H'ers may enter in any phase.

Geology

***Class 3001 - Geology**

OPTIONAL. For first year Geology members ONLY. This class is not eligible for the Kansas State Fair. Display at least 10 different rocks, minerals and fossils collected from Kansas sites 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.

Class 3002 - Geology

Display at least 15 different rocks, minerals and fossils collected during the current 4-H year. Limited to one exhibit box. Suggested for those 10 years old and younger or exhibiting at the 4-H Fair for the first time. This class is not open to anyone who has received a purple ribbon at the State Fair in this 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. This class is open to those who are exhibiting for their first or second time at the 4-H Fair.

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. This class is open to those who are exhibiting for their third or fourth time at the 4-H Fair. Label rocks as igneous, metamorphic or sedimentary.

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. This class is open to those who are exhibiting for their fifth

time or more at the 4-H Fair. Label rocks as igneous, metamorphic or sedimentary.

Mineralogy

Class 3006 – Mineralogy

The 4-H'er must use one standard display box (see #3). Display a minimum of 15 mineral specimens collected 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. CaCO₃ for calcite).

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 fair is considered a new year specimen)

Class 3007 - 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 3008 - 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 3009 - 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 3010 - 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 3011 - 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 3012 - Special 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 3013 - Craft Project

An exhibit using rocks, fossils and/or minerals. Kits are acceptable. 4-H'ers are limited to 2 entries in this class

Department N

HOME ENVIRONMENT

Superintendent: Lane & Reed Wiens

Entry Time: Friday, July 21 – 8:30-11:00 am
Location: Chief Building
Judging Time: Sunday, July 23 – 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 Friday morning 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. Exhibits must be from the current year's work. Previous work may be included with documentation of the year the work was done.
5. An entry card must be attached to the exhibit with safety pin(s) or tape and string
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.

*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 made or refinished by the 4-H member for the home.

Class 1203 – Education Poster or Display

Posters should not exceed 22"x30" . May include swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans.

Class 1204 – Notebook

May include swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans.

Department O NOTEBOOKS

Superintendent: Lane & Reed Wiens

Entry Time: Friday, July 21 – 8:30-11:00 am
Location: 4-H Building
Judging Time: Sunday, July 23 – 12:30 pm
Conference Judged

1. 4-H'ers will sign up for a conference judging time Friday morning 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 (Champion Reporter's Notebook may be submitted to the State 4-H Office for state competition)

*Class 3104 - Historian's Notebook

*Class 3105 - Club Project Notebook

*Class 3106 - Individual Project Notebook

Department P PERFORMING ARTS

Superintendent: Madison Pauls

Pre-Entries: All entries must be entered no later than 5:00 PM on Tuesday, July 18. Exhibitors may enter online at <http://tinyurl.com/2017FairPerformingArts>. Judging times will be assigned. Location: 4-H Building
Judging Time: Saturday, July 22 – During the Public Fashion Revue Conference Judged

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. 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: <http://www.mcpherson.k-state.edu/4-h/forms-resources/2016%20GuidelinesPDF.pdf>

*Class 390- Performing Arts

Department Q PETS/CATS

Superintendent: Lindsey Miller

Entry Time: Sunday, July 23 – During Conference Judging
Location: 4-H Building
Judging Time: Sunday, July 23 – 6:00 pm
Conference Judged
Release Time: Immediately Following Judging

LIMITS: Pets: 4-H'ers may enter 2 pets per class.

Cats: 4-H'ers may enter a total of 2 cats with only 1 entry per 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:

- 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'er must be enrolled in the Hand Pet or Aquarium Pet Project. For cats, the 4-H'er must be enrolled in the Cat 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 cages or carriers 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, Shannon Kuder, Patty Turnquist

Entry Time: Friday, July 21 – 8:30-11:00 am
Judging Location: 4-H Extension Office
Judging Time: Saturday, July 22 – 8:30 am
Conference Judged
Exhibit Location: 4-H Building

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

The following award 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 & older) age divisions.

2. Read "General Rules."

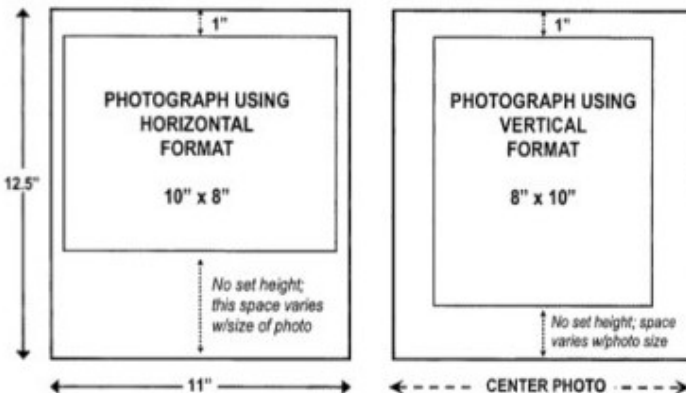
3. Black & white and/or color photographs are allowed in all levels. Monochromatic prints, such as sepia tone, are considered color photographs.

4. Prints are to be no larger than 8" x 10" and no smaller than 7" x 9", 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 Extension office \$1.00 each), Foam core boards are not allowed. Photos mounted on poster board will not be displayed. No underlays or mattes are allowed.

7. A permanent mount should be made using photographic dry mounting tissue or spray adhesive. The print should be mounted 1" below the top of the mount board and equal distance between the edges of the board.



8.

9. Photos not mounted correctly (including prints with the white border not removed) will be lowered one ribbon placing from that awarded by the judge.
10. Exhibits must be placed in plastic sleeves (available at the Extension Office \$0.25 each)
11. Photographs exhibited must be the result of the current year's project work by the club member. Photos must be taken by the 4-H member (exhibitor).
12. 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.
13. 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.
14. 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.
15. 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.**
16. Copyright protections must be observed.
17. Display and/or penalty decisions will be made by the photography superintendent or the 4-H Fair Board.

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.

*Classes 3201 and 3202 are to encourage beginning photographers. *These classes are not eligible for the State Fair.*

*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.

Dept. S PLANT SCIENCE

Superintendent: Roger Regehr Family

Entry Time: Saturday, July 22 – During Conference Judging
 Location: Chief Building
 Judging Time: Saturday, July 22 –

10:00-10:50 County Cousins
 10:50-11:40 Friendly Fremont, Golden Opportunity, K-State Wild Kids
 11:40-12:30 Livewires-Empire Best, Smoky Valley, Good Luck

Exhibitors are strongly encouraged to arrive during their assigned time.
 Conference Judged

LIMITS: *Horticulture:* 4-H'ers may enter 12 exhibits with only 1 entry per variety.

Floriculture: 4-H'ers 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).

Crops: 4-H'ers are not limited.

- The following awards may be presented in this department:
 - Horticulture-Grand Champion and Reserve Grand Champion,
 - Floriculture-Grand Champion and Reserve Grand Champion,
 - Crops-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 in Horticulture, Floriculture and Crops.

2. Read "General Rules."

3. If the 4-H'er (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 its place at the Kansas State Fair.

4. Exhibit vegetables on plates or in box flats. The 4-H'ers name must be on bottom of any container and 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.

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, sweet potatoes, tomatoes, or other similar sized vegetables),

-Small Vegetables: one dozen (green snap beans, wax beans, English peas, radishes, 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.

Quality and condition of 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.

Class 2601 - Small Vegetable Specimen Plate (12)

Examples: green snap beans, radishes, 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, 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 a 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, 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.

-Products exhibited must have been grown by the 4-H'er in the current year, with the exception of soybean seed and edible field bean seed.

Class 2621 - Hybrid Grain Sorghum (10 heads)

Class 2621 - 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: Olivia Ingram

Pre-Entries:	All Exhibits must be pre-entered no later than 5:00 PM on Tuesday, July 18. Exhibitors may enter online at http://tinyurl.com/2017FairDisplaySpace
Entry Time:	Friday, July 21 – 8:30-11:00 am
Location:	4-H Building
Judging Time:	Sunday, July 23 – 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 Friday morning 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 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, 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. If you feel it is in question, please contact the Extension Office for clarification.
11. This department is open to 4-H'ers in any project.

12. 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 DISPLAYS

Superintendent: Olivia Ingram

Pre-Entries: All Exhibits must be pre-entered no later than 5:00 PM on Tuesday, July 18. Exhibitors may enter online at <http://tinyurl.com/2017FairDisplaySpace>

Entry Time: Friday, July 21 – 8:30-11:00 am

Location: 4-H Building

Judging Time: Sunday, July 23 – 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 Friday morning 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. 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: Deanna Sents

Pre-Entries:	All Exhibits must be pre-entered no later than 5:00 PM on Tuesday, July 18. Exhibitors may enter online at http://tinyurl.com/2017FairDisplaySpace
Entry Time:	Friday, July 21 – 8:30-11:00 am
Location:	Chief Building
Judging Time:	Friday, July 21 – 3:00 pm Conference Judged

1. 4-H'ers will sign up for a conference judging time Friday morning 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: Galen and Jennifer Wiens Family

Pre-Entries:	All Exhibits must be pre-entered no later than 5:00 PM on Tuesday, July 18. Exhibitors may enter online at http://tinyurl.com/2017FairDisplaySpace
Entry Time:	Friday, July 21 – 8:30-11:00 am
Location:	Chief Building
Judging Time:	Saturday, July 22 – 1:30 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 Friday morning 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 30"x36" 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'. 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 entries 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 or display.

Class 5150 - Educational Display

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

Class 5151 - Promotion Poster

Must be directly related to promoting 4-H Shooting Sports.

Department X SPACE TECH

Superintendent: Brian & Julie Wedel Family

Entry Time:	Friday, July 21– During Conference Judging
Location:	4-H Building
Judging Time:	Friday, July 21 – 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 Friday morning.
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,
 - Champion and Reserve Champion may be selected for the Junior (7-9), Intermediate (10-13) and Senior (14 & older) age divisions in Astronomy, Robotics, Computers and Rocketry.
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 Stand, Educational Display, Notebook and/or Poster.
 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.
3. Robot dimensions should not exceed 2 feet high, by 2 feet wide, by 2 feet deep. Weight may not exceed 15 pounds.
4. 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.
5. Robots must be powered by an electrical, battery, water, or solar source

- only. Robots powered by fossil fuels/flammable liquids will be disqualified. All robots must include an on/off switch for operation. No remote control devices will be allowed.
6. Each robot must be in operable working condition. The judges will operate each robot to evaluate its workmanship and its ability to complete the required tasks for this current 4-H year.
 7. 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.
 8. The exhibit must include written instructions for operation, construction plans, 1 to 3 pages of project photographs or a 5 minute CD, DVD, or video presentation, and robot programming information, if applicable. This information should be placed inside the 10"x13" manila envelope mentioned above. Robots that include weaponry of any kind will be disqualified.
 9. Creativity, workmanship and functionality will be strong criteria in judging the "Robot Designed by Exhibitor" class.
 10. 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.
 11. 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.
 12. 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.

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 - Educational Poster, Display or Notebook

Class 3409 - Team Robotics Project

Robot designed and constructed by 2 or more 4-H Space Tech project members. The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable type that is made from a commercial (purchased) kit. This division is designed to encourage teamwork and cooperation among fellow 4-H Space Tech 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 Space Tech website for the current year's task. Click on the KSF Packet Link.

Class 3410 - 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 (see Rule #13). 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 SpaceTech Rocketry Exhibit Information Form" (dated 2015) 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" x 13" envelope. Plans (or a photocopy) must be placed inside the envelope. This includes original design rockets. If a rocket kit 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 8½" x 11" page.
3. In judging entries, the display method will NOT be considered. Judging WILL be based on 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 painting 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. Rocket is a high power rocket if it used an "E" engine or larger to launch (2D's, 4C's, 8B's, etc.) The total impulse of all engines used in the rocket is greater than 20.01 Newton-seconds of thrust.
10. If a burn ban is in effect for McPherson County, exhibitors are not required to launch their rocket(s). All requirements for the launching of rockets for the County Fair and the documenting of the launching are suspended for the duration of the ban.
11. 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 2 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 & Up.

High Power Rocketry Class

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 SpaceTech project to exhibit in this division.
3. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
4. Educational display boards, posters 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 exhibit(s). 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, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits, as in some phases of SpaceTech.
8. Educational displays and posters are not to exceed a standard size: 3' x 4' tri-fold display board/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.
11. If the notebook illustrates the creation, talks about, or shows the result of an app, application, executable, program, or other compiled /interpreted "source code," a copy of the source code should be included. (In other words if you created an app for a smart phone and you're illustrating that app, you should include the code you used to build the app). Failure to include a copy of the "source code" may result in up to one ribbon place deduction.

Computer Systems

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

1. All exhibits must be self-contained on a USB drive (thumb drive, flash drive, jump drive, or other any other name for a small USB storage device; the rules will use "USB drive"). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below. Physical computers as an exhibit will not be accepted.
2. All revisions of all forms previously released for the SpaceTech division either undated or dated prior to 2015 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.
3. For all computer system entries (those entries not covered by the rules above) 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.KansasSpaceTech.com.
 - b. A USB drive labeled with the 4-Hers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
 - c. At least one (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, placed in a plastic sheet protector, to allow for proper display and recognition at the Kansas State Fair. On the back side of the graphic the 4-Her's 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 (3) items in your manila envelope: USB drive, graphic and instructions).
4. 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. 36
 - 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 occur describing successes and failures; as well as the steps done and any sources of information including links used.
 - d. Pictures can also be included in the "4-H 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" must be at least 3 pages in length.
 - g. An example of a "4-H Engineer's Journal" can be found at

- www.KansasSpaceTech.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.
5. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive.
 6. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits.
 7. 4-Hers should bring a computer that will run their project to the fair for judging. Operating instructions are still required. 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 below. An example of instructions can be found at www.KansasSpaceTech.com.
 8. Each exhibit must accomplish a specific automated task using a computer or virtual machine (VM).
 9. 4-Hers should not assume that they will have Internet connectivity and that any parts of the exhibit that require Internet access will not work. It is strongly recommended that 4-Hers test exhibits on a computer with Internet connectivity disabled.
 11. Kansas 4-H SpaceTech 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.KansasSpaceTech.com. 4-Hers are not required to use the VMs in their projects. They are optional.
 12. 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.
 13. 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.
 14. 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.
 15. Judging will be based on a score sheet which can be found at www.KansasSpaceTech.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
- 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

Unmanned Aerial Systems

Purpose: The 4-H unmanned aerial systems or UAS project explores the world from above the trees and discovers new frontiers with UASs. Members explore the uses and applications of unmanned aerial systems including how UASs link to other projects such as geology, robotics, electronics, crop science and many more.

1. The 4-H members must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year.
3. For 2017, display boards, posters and notebooks are the only unmanned aerial systems exhibits being accepted. In 2018, more classes will be added for UASs.
4. Exhibitor's name, county or district, age, and years(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
5. Unmanned Aerial Systems that include or depict weaponry of any kind will be disqualified.

3447 Unmanned Aerial Systems Educational Poster

3448 Unmanned Aerial Systems Display Board

3449 Unmanned Aerial Systems Notebook

Department Y WILDLIFE

Superintendent: Vaughn Ingram

Entry Time: Friday, July 21 – 8:30-11:00 am
Location: Chief Building
Judging Time: Saturday, July 22 – 1:30 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 Friday morning 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: Robin Johnson

Entry Time: Friday, July 21 – During Conference Judging

Location: Chief Building

Judging Time: Friday July 21 – 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 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. 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.
6. Projects with missing or insufficient plans will be lowered one ribbon placing.
7. 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.
8. 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.
9. Refinished/repainted furniture should be exhibited in Home Environment.
10. 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 blue ribbon quality 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 14. Entry forms are available at the Extension Office. Horse entries are due August 1. Nominations are required in May/June.
- * Horses must qualify for the Kansas State Fair through the District Horse Show. Except for 2-year-old snaffle bit project and 3-year-old project.

ENTRY

- * Pen reservations must be made for all animal being brought to the Fair. Pen reservation information will be included in a mailed livestock letter and will need to be returned to the Extension Office.
- * 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. No shavings or straw will be provided.
- * 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 Exhibitors will be required to clean their own stall before they

receive their premium. Stalls must be cleaned before leaving the grounds on Monday evening or immediately after vacating the stall or pen. 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 SALE

- * A 4-H animal sold at the 4-H Livestock Sale, public auction, or privately, whether for immediate or future delivery, cannot from the time of such sale be shown by the seller or anyone else in any other 4-H show. See Livestock Sale Division.
- * Premium checks will not be issued to a 4-H member until a thank you note is written to each premium buyer and returned to the Extension Office (4-H'er must pay the postage).

FITTING AND SHOWING

- * Each exhibitor must groom his or her animal, or have assistance of family and/or other current McPherson County 4-H members. No other help is allowed to groom any 4-H animals during the fair. Failure to follow this rule will result in a one color ribbon docking.
- * 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 specie 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 94.

- * 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.
- * All market animals must have a 4-H ear tag in place. In case of a lost tag, a replacement tag must be secured at the County Extension Office within 2 weeks after the tag is lost. 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. 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 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 infested with mange will not be permitted to exhibit.

Sheep: Sheep must be free of any signs of "sore mouth," active fungal (ringworm) infection, including club lamb fungus. 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 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 District 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–thyphoid 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.
- m. 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

The Livestock Sale is being worked on in with KRSE Area/State Staff to explore the best options to have a functioning, sustainable sale in future years. The 2017 sale will be run very similar to 2016. If you would like to help run the evenings events this year, please contact a fairboard member!

Sale Time: Monday, July 24 – 7:30 pm (following the Parade of Champions)

1. If you have questions about the 4-H Fair Livestock Sale, please ask a fairboard member or a division superintendent.
2. The 4-H Fair Livestock Sale is a terminal sale. Any exhibited market animal sold through the 4-H Fair Livestock Sale is terminal.
3. 4-H members must declare to each species division superintendents 30 minutes after the completion of each species show their intention to participate in the 4-H Fair Livestock Sale.
4. It is each 4-H members' responsibility to report to the superintendent. If this deadline is not met, the 4-H member will not participate in the 4-H Fair Livestock Sale with that species.
5. 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 or taken home.
6. 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 the division superintendent at any time, but no later than 30 minutes after the completion of each specie show. What if the member wants to wait to see how their pig does? If the member decides to sell the pig and not the beef, the member would need to declare to the swine superintendents his/her intention to sell the pig and let the beef superintendent know to remove the beef animal declared earlier.
7. 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.
8. 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 2017 will be Beef, Sheep, Swine and Meat Goats.
9. The sale order for each species will list Grand Champion, Reserve Grand

- Champion, and work in descending ribbon order by show order (Champions, Reserves, Blues, Reds, Whites). The Grand Champions, champions or reserve animals are not required to sell.
10. A handling charge will be deducted from the member's check only on premium sale animals to cover Livestock Buyer's recognition items. The deductions will be 7% of each premium auction animal's earnings.
 11. There will not be a floor price for Market Steers or Market Heifers. 4-H members must market their own beef. Beef project members will be responsible for reporting to the Livestock Sale committee by noon of sale day the place and date of slaughter of the premium sale animal. Premium checks will not be distributed on these animals until the slaughter date is passed and is verified.
 12. The sale committee is not responsible for the sale of lightweight livestock.
 13. A 4-H animal sold at the 4-H livestock sale, public auction or privately, whether for immediate or future delivery, cannot from the time of such sale be shown by the seller in any other 4-H show.
 14. 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 Advisory Committee. A written request must be presented to the sale committee a minimum of 1 week prior to the sale.
 15. 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 advisory or sale committee no later than noon on Sunday of fair week.
 16. If a member wishes to forfeit the floor price on a premium sale animal, for the purpose of harvesting (not breeding), they may, with the following criteria:
 - a. the extension office must be notified on sale day of the date and place of harvest.
 - b. premium checks will not be distributed on these animals until the harvest is verified

Department L1

BEEF

Superintendent: Mark Toews, Andrea Vandever-Moore

Entry Time: Friday, July 21 – 7:30-10:00 am (must be on the grounds and checked in)
Judging Time: Sunday July 23 – 8:00 am
Release Time: Monday, July 24 – All animals may be released from 3:00-4:30 Monday, at the conclusion of the Livestock Auction or Tuesday, July 25 before 10:30 am

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: 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. The show will be a "no fit" show. This is defined as no use of adhesives and any products used, must be able to be combed out.
4. All cattle, including breeding heifers, must be checked in at proper weigh-in time.
5. 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.
6. All market steers and market heifers must have been dropped after January 1, 2016.
7. 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.
8. Superintendent will make final determination of breed classification.
9. Steers under 1000 pounds and Market Heifers under 950 pounds (2% shrunken weight) will show in a lightweight class and will not be eligible to sell at the 4-H Livestock Sale.
10. Each exhibitor must groom his/her own animal and may use only the assistance of any immediate family member (mother, father, legal guardian, brother, or sister) or of another McPherson County 4-H member who is exhibiting at the Fair. Failure to follow this rule will result in a one

color ribbon docking.

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, 2016
- Class 1304 Heifer summer yearlings dropped between May 1 and August 31, 2016.
- Class 1305 Heifer junior yearlings dropped between January 1 and April 30, 2016.
- Class 1306 Heifer senior yearlings dropped between September 1, 2015 and December 31, 2015.
- Class 1307 Heifers or cows dropped before September 1, 2015.
- 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: Mark Toews, Andrea Vandever-Moore

- Entry Time: Friday, July 21 – 7:30-10:00 am (must be on the grounds and checked in)
- Judging Time: Sunday July 23 – 9:30 am or immediately following the Beef Show
- Release Time: Monday, July 24– All animals may be released from 3:00-4:30 Monday, at the conclusion of the Livestock Auction or Tuesday, July 25 before 10:30 am

LIMITS: *No club member will be allowed to exhibit more than 1 bucket calf.*

1. Two ribbons will be awarded to Bucket Calf participants -- one for Conference Judging and one for Show Ring Judging.
2. Read “General Rules” and “General Livestock Rules.”
3. Animals shall be born after January 1, 2017 and must be owned and weaned by May 1, 2017.

4. Bucket Calves must be ear tagged and identified to the Extension Office by May 1.
5. Only brushing and washing will be allowed. No clipping of animals is allowed.

Juniors (Ages 7-9)

- * Class 1401 Show Ring. No show sticks, combs, or brushes allowed in ring during show.
- * Class 1402 Conference Judging

Seniors (Ages 10-12)

- * Class 1403 Show Ring. Show sticks, combs, and brushes must be used during show.
- * Class 1404 Conference Judging

Department L4 DAIRY

*Superintendents:
Lee Burgess*

Entry Time: Friday, July 21 – 4:00-5:00 pm (must be on the grounds by 11:00 am with the exception of Milk Cows which must be in place by Saturday at 9:00 am)

Judging Time: Saturday, July 22 – 10:00 am

Release Time: Monday, July 24– All animals may be released from 3:00-4:30 Monday, at the conclusion of the Livestock Auction or Tuesday, July 25 before 10:30 am

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 club 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 Jr. Heifer Calf dropped between March 1- May 31, current year
Class 1702 Int. Heifer Calf dropped between December 1 and February 28, current year

Class 1703 Sr. 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 Jr. Yearling dropped between March 1 to May 31, previous year

Class 1706 Winter Yearling dropped between December 1, 2015 and February 28, 2016

Class 1707 Sr. Yearling dropped between September 1-November 30, 2015

Class 1708 Jr. 2 yr. old dropped between March 1-August 31, 2015

Class 1709 Sr. 2 yr. old dropped between September 1, 2014 and February 28, 2015

Class 1710 3-year old dropped between September 1, 2013 and August 31, 2014

Class 1711 4-year old dropped between September 1, 2012 and August 31, 2013

Class 1712 5-year old dropped between September 1, 2011 and August 31, 2012

Class 1713 Aged Cow born before September 1, 2011

Class 1714 Dry Cow

Showmanship

Class 1716 Junior (7-9)

Class 1717 Intermediate (10-13)

Class 1718 Senior (14 & Older)

Department L5 DAIRY GOATS

Superintendent: Janell Harman

Entry Time: Friday, July 21 – 12:30-1:30 pm (must be on the grounds by 11:00 am)
Judging Time: Saturday, July 22 – 10:00 am
Release Time: Monday, July 24– All animals may be released from 3:00-4:30 Monday, at the conclusion of the Livestock Auction or Tuesday, July 25 before 10:30 am

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. Superintendent will make final determination of breed classification.

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

Class 1911 Junior (7-9)
Class 1912 Intermediate (10-13)
Class 1913 Senior (14 & Older)

Department L6 HORSE

Superintendent: Becky Dillon

Entry Time: Saturday, July 22 – 5:00-5:30 pm

Judging Time: Saturday, July 22 – 6:00 pm

Release Time: After 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 2016 irrespective of which month is it born; a colt born in 2015 is a yearling colt; and a colt born in 2014 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 May 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. Walk-trot classes are open to 1st and 2nd year members, at superintendent's discretion.
10. Horses will be allowed to show with a Hackamore bridle, all age horses.
11. 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 3 & Under Mare, all breeds

Class 18074 & Older Gelding, all breeds
Class 18084 & 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 Senior
Class 1838 Junior

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:

Entry Time: Friday, July 21 – 7:30-10:00 am
Judging Time: Friday, July 21– 7:00 pm
Release Time: Monday, July 24– All animals may be released from 3:00-4:30 Monday, at the conclusion of the Livestock Auction or Tuesday, July 25 before 10:30 am

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. 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.
4. 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.
5. 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.
6. All goats are required to have a scrapies tag in the ear or a registered tattoo.
7. Wethers & Does will be allowed to show in market classes. Goats can be of any breed or combination of goat breeds.
8. Market goats will be divided into classes by weight.
9. Temporary incisors must be in place and there should be no evidence of breaking of the skin or eruption of permanent incisors.
10. Dehorning is preferred. If not dehorned, the horns must be tipped or rounded prior to arrival on the grounds.
11. 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.
12. 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.
13. Goats under 40 pounds will not be eligible for the 4-H Livestock Sale.

14. 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

Class 3803 - Fall Doe

Class 3804 - Yearling Doe

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: Lorna Pauls Family

Entry Time: Friday, July 21 – In place by 11:00 am (with classes determined)

Location: Block Building

Judging Time: Saturday, July 22 – 6:00 pm

Release Time: Monday, July 24 at 8 pm or Tuesday, July 25 from 9:00-10:30 am

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).
7. 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."
8. Poultry should be representative of breed as described in the APA 'American Standard of Perfection.'
9. Upon release - Pens and area are to be cleaned of trash and 4-H member must check out with superintendent when removing birds.
10. 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: Kathy Rariden

Entry Time: Friday, July 21 – 7:30-11:00 am
Location: Block Building
Judging Time: Monday, July 24 – 8:30 am
Release Time: Monday, July 24 at 8 pm or Tuesday, July 25 from 9:00-10:30 am

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 & older)

Department L10

SHEEP

Superintendent: Ashley Bornholt

Entry Time: Friday, July 21 – 7:30-10:00 am
Judging Time: Sunday, July 23 – 5:00 pm
Release Time: Monday, July 24– All animals may be released from 3:00-4:30 Monday, at the conclusion of the Livestock Auction or Tuesday, July 25 before 10:30 am

LIMITS: *A limit of three ewes, one ram 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. 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.
4. Both registered and purebred females are eligible for the breeding classes. Females not representative of a breed will show in a crossbred class.
5. Superintendent will make final determination of breed classification.
6. Lambs under 90 pounds will not be eligible for the 4-H Livestock Sale.
7. Market lambs must be slick shorn prior to coming to the 4-H Fair. Breeding ewes do not need to be sheared.
8. All animals to be sold at premium or floor must be weighed in at time of entry.
9. Breeding and non-sale market lambs will be released on Wednesday evening.
10. No artificial coloring will be allowed on lambs, except on the hooves.
11. Breeding sheep are not eligible to be sold at floor price or to be auctioned.
12. 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, 2017

Class 1503 Breeding Ewe Lamb born between September 1 and December 31, 2016

Class 1504 Yearling Ewe born between January 1 and September 1, 2016.

Class 1505 Ram Lamb

Showmanship

Class 1507 Junior (7-9)

Class 1508 Intermediate (10-13)

Class 1509 Senior (14 & Older)

Department L11 SWINE

*Superintendents:
Reed Gleason, Kurtis Niehage*

Entry Time: Saturday, July 22 – 7:00-9:30 am

Judging Time: Sunday, July 23 – 7:00 pm

Release Time: Monday, July 24– All animals may be released from 3:00-4:30 Monday, at the conclusion of the Livestock Auction or Tuesday, July 25 before 10:30 am

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. Superintendent will make final determination of breed classification.
4. 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.
5. 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.
6. Both registered and purebred females are eligible for the breeding classes. Females not representative of a breed will show in a crossbred class.
7. **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.**
8. Breeding gilts may be sold at floor price if proper arrangements are made.
9. All non-sale animals will be released immediately following the show.
10. All exhibitors must be current on their Youth Pork Quality Assurance Plus (PQA) certification.

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

*Superintendents:
Alice Toews and Shelby Miller*

Judging Time: Monday, July 24 – 5:00 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.

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