4-H EXHIBIT RULES

EXHIBITS

1. Members may exhibit, demonstrate, or take part only in projects in which they are enrolled. All work on projects entered should be done by the 4-H member and completed during the current 4-H year unless otherwise noted.

2. Poster exhibits may not exceed 22” wide x 28” high. They may be smaller.

3. Education/Science Tri-Fold Exhibits for all project areas, may not exceed 12” deep x 24” wide x 36” high. (Center back 24” wide x 36” high, right and left wings each 12” wide x 36” high.)

All exhibits will be evaluated by a conference with the judge. Project judging criteria:

- Exhibit quality .......................................................... 25%
- Educational value ....................................................... 25%
- Knowledge and ability to explain .......................... 50%

Decision of the judge is final and may not be appealed.

4. Floor Space for any exhibit should not exceed 20 square feet. If your exhibit exceeds this space limitation, contact the Extension office.

5. All exhibits must be labeled with name, club, and county. Other appropriate information for the project (i.e., vegetable varieties) should be included. If the exhibit has multiple pieces, each part needs to be labeled and should indicate 1 of 4, 2 of 4, etc.

ANIMAL SCIENCE

1. All beef, dairy, dog, goat, horse, lama, rabbit, sheep, swine shown in 4-H livestock shows must have the required State 4-H ID system, ear tag and/or tattoo. Animals ID data must be submitted online, arrive in the Extension office, or be postmarked no later than May 15 (with the exception of Market Beef due Feb. 17).

2. All animals exhibited must be owned solely by the member, member’s family or leased by agreement. The family includes the 4-Her’s parents or guardians and siblings living together as a family unit. The definition of family includes an extended family where the animals may be owned by grandparents with the 4-Her’s parents actively involved with and working on the farm. Registered animals, not leased, must be registered in the exhibitor’s name and/or the exhibitor's family name. Animals owned in partnership with non-family members (as defined above) must be leased and follow guidelines within the lease agreement.

3. 4-Hers exhibiting livestock at the County Fair are responsible for the care and feeding of animals they exhibit.

4. All livestock exhibits, including showmanship, must be pre-registered. Members in animal projects may exhibit one animal per class, unless stated otherwise.

5. All 4-Hers exhibiting livestock at the fair are eligible to participate in showmanship. 4-H’ers must show their own animals. By “own animal” we mean an animal the exhibitor has shown previously during this show.

6. All animal health regulations will be in effect as stipulated by the Minnesota Board of Animal Health and the County Agricultural Society.

7. All grooming of livestock, including clipping, trimming and blocking (all species) must be clearly done by the exhibitor, members of the immediate family or any other registered Minnesota 4-H member. Immediate family members are defined as being parents, step parents, legal guardians, grandparents, brothers or sisters. The 4-Her exhibiting the animal should be present and involved in the fitting process at the fair.

8. To show in the registered breed classes, animals must meet the registration requirements for that breed and registration papers must be available. Animals without proper registration papers (crossbreeds and grades) must be shown as commercial.

### PREMIUM SCHEDULE

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<thead>
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<td>Poultry</td>
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STATE FAIR OR STATE SHOW ELIGIBILITY

1. Trips for State Fair, State Horse Show, and State Dog Show will be selected from blue ribbon exhibits only (see State Dog Show Rules for exceptions). Exhibit classes eligible for State Fair are marked with an asterisk *.

2. Members selected to represent the county at State Fair and State Horse Show must have completed sixth grade.

3. To be eligible for a livestock trip to the State Fair, 4-Hers must have completed Quality Assurance/Ethics Training.

State Policy: All youth participating as a the Northeast Livestock Show or State Fair 4-H livestock exhibitor in beef, dairy, sheep, swine, poultry, rabbits, meat and dairy goat and lama must have completed the a Livestock Quality Assurance and Ethics workshop. Certification is good for three fair seasons. The level of training required is determined by the grade of the youth at the time the training takes place.

4. Along with their qualifying state fair exhibit trip(s), 4-H members may participate in activities such as Share-the-Fun, demonstrations, Arts-In, or judging teams.

5. Competitive events, deadlines, consequences and exemption options Every Minnesota 4-H member is eligible for a "one-time" member exemption. This exemption provides the ability (one-time) for a 4-H member to acknowledge they missed a 4-H deadline related to enrollment or competitive event participation and waive the consequences for the named deadline.

6. Distribution of Unused Livestock Trips: Minnesota 4-H wants to provide as many 4-H members as possible the opportunity to experience the Minnesota State Fair judging process. To ensure that as many youth as possible have the opportunity to participate in a livestock experience at the Minnesota State Fair, staff and volunteers are asked to follow the outlined process for the distribution of unused livestock quota trips.

CLUB ACTIVITIES

**CLUB BANNER**

T - 1 - 1* Club Banner

Two banners can be selected for State Fair exhibit.

Requirement:
1. Banner must be 3’ x 5’ and designed to hang vertically.
2. It must be completed and equipped with a dowel (minimum size 3’8”) and ready to hang.
3. Banner must be of fabric (no paper) and can be one or two-sided.
4. Club name on 3 x 5 card pinned to back. (Any assembly technique can be used.)

**COMMUNITY PRIDE - Club**

T - 1 - 2* Community Pride

One exhibit will be selected for State Fair.

Requirements:
1. The exhibit may include a three-sided display, video, or other visual method which visually highlights the entire project or certain parts in a manner which tells the public what positive effects the project had on the community.
2. Two club youth who participated in the project may represent the club in conference judging.

**CLUB Booth**

T - 1 - 3 Club Booth

Requirement:
- the booth should depict an area of work or program of current emphasis.

**CLUB SCRAPBOOK**

T - 1 - 4 Club Scrapbook

Requirement:
- Show and explain your club activities and participation in community and county events.

**CLUB PROJECT**

T - 1 - 5 Conservation
T - 1 - 6 Flower Box
T – 1 - 7 Club Trash Can
T – 1 – 8 Other club project

**DEMONSTRATIONS**

K - 1 - 1* Grades 9+ - Individual
K - 1 - 2* Grades 9+ - Team
K - 1 - 3* Grades 6-8 - Individual
K - 1 - 4* Grades 6-8 - Team
K - 1 - 5 Grades 3-5 - Individual
K - 1 - 6 Grades 3-5 - Team

**LIVESTOCK DEMONSTRATIONS**

K - 2 - 1* Grades 9+ - Individual
K - 2 - 2* Grades 9+ - Team
K - 2 - 3* Grades 6-8 - Individual
K - 2 - 4* Grades 6-8 - Team
K - 2 - 5 Grades 3-5 - Individual
K - 2 - 6 Grades 3-5 - Team

**ILLUSTRATED PRESENTATIONS**

K - 3 - 1* Grades 9+ - Individual
K - 3 - 2* Grades 9+ - Team
K - 3 - 3* Grades 6-8 - Individual
K - 3 - 4* Grades 6-8 - Team
K - 3 - 5 Grades 3-5 - Individual
K - 3 - 6 Grades 3-5 - Team
YOUTH IN ACTION DEMONSTRATIONS

<table>
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<tr>
<th>Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>K - 4 - 1*</td>
<td>Grades 9+ - Individual</td>
</tr>
<tr>
<td>K - 4 - 2*</td>
<td>Grades 9+ - Team</td>
</tr>
<tr>
<td>K - 4 - 3*</td>
<td>Grades 6-8 - Individual</td>
</tr>
<tr>
<td>K - 4 - 4*</td>
<td>Grades 6-8 - Team</td>
</tr>
<tr>
<td>K - 4 - 5</td>
<td>Grades 3-5 - Individual</td>
</tr>
<tr>
<td>K - 4 - 6</td>
<td>Grades 3-5 - Team</td>
</tr>
</tbody>
</table>

Requirements:
- Demonstration / Illustrated Presentations may be related to any project that the member is enrolled in or to any area of interest or expertise the 4-Her has. Presentations may be an individual or a two-person team. Individual presentations shall not exceed 15 minutes in length and team presentations should not exceed 25 minutes in length.

- Demonstrations are an oral presentation that includes actually demonstrating the hands-on steps required to accomplish a task or process. This most often includes the use of physical objects and actual doing or showing. For example, a demonstration could involve using bedding plants, potting soil and related items to demonstrate how to plant a flower pot. At the end of the Demonstration there should be something of a "finished product". Demonstrations may also include the use of supporting visuals like posters, charts or overhead transparencies. Supporting visuals can include technology based options like presentation software (i.e. MS PowerPoint). However, the focus of the Demonstration should be on the "doing", not the supporting visuals.

- Illustrated Presentations are an oral presentation that presents an idea, concept, viewpoint or experience in an educational or informative format. For example, an Illustrated Presentation could be a report on leadership lessons learned through a trip to Washington DC or an educational presentation that explores sustainable energy options. Illustrated Presentations most often consist of interaction with supporting visuals like posters, charts or overhead transparencies. Supporting visuals can include technology based options like presentation software (i.e. MS PowerPoint). Supporting visuals may include tangible items, but generally little or no activity takes place with the item.

- Youth in Action presentations are interactive, continuous presentations that are approximately 45 - 50 minutes in length. Topics selected for a Youth in Action demonstration may be related to a project in which the member is enrolled or to any other area of interest or expertise the member has. Involving the audience in the process is the primary focus of Youth in Action and constitutes a major portion of the evaluation results.

- Presentation Software (i.e. MS PowerPoint) may be used for both Demonstrations and Illustrated Talks. If Presentation Software is used in a Demonstration, the presentation software should supplement the Demonstration (hands on demonstrating should still be the basis of the entry). If used for an Illustrated Talk, the presentation software can be the basis for the entire talk; however the member must interact with the presentation and information - not just step to the side and let the presentation play. (Self-presenting entries created with presentation software should be burned on to a DVD and entered in the "Video" class.)

If presentation software is utilized, judging will include the effective use of the software. For information on effectively using visuals in presentations and/or presentation software please see:
http://www.mn4h.org/programs/software_presentation

Special NOTE: if presentation software is utilized in either a Demonstration or an Illustrated Talk, the 4-Her is responsible for securing any equipment necessary for judging. Extension staff may be able to assist in this process, but it is the responsibility of the exhibitor to contact Extension staff WELL BEFORE the scheduled judging. The ideal situation is to deliver the presentation with a computer and LCD projector, but the use of transparencies and an overhead projector is also possible.

GENERAL 4-H PROJECTS

4-H ADVENTURES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>S - 20 - 1*</td>
<td>Grades 9+</td>
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<tr>
<td>S - 20 - 2*</td>
<td>Grades 6-8</td>
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<td>S - 20 - 3</td>
<td>Grades 3-5</td>
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<tr>
<td>S - 20 - 4</td>
<td>Grades K-2</td>
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Requirements:
- This area is for youth who to exhibit work learned through their participation in a 4-H Adventure program.

AEROSPACE

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>P - 10 - 1*</td>
<td>Grade 9+</td>
</tr>
<tr>
<td>P - 10 - 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 10 - 3</td>
<td>Grade 3-5</td>
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Requirements:
- Flyable models should be ready for flight (do not include fuel); recovery system should be in place and operative.
- Members should be familiar with safety codes in 4-H curriculum.

Exhibit Suggestions:
- Flyable models built from kit or your own design.
- Non flyable models built from kit or your own design.
- Display of other equipment needed for aerospace project.
- A rocket launch.
**BICYCLE**

- **P - 20 - 1**  Grade 9+
- **P - 20 - 2**  Grade 6-8
- **9 - 20 - 3**  Grade 3-5

**Exhibit Suggestions:**
- Display showing types of bikes, parts of a bike, maintenance, traffic rules, bicycling hazards, how to wear a helmet, equipment used to teach others about bike repair or first aid, etc.
- Notebook or picture story of a bike rodeo or other bike event you helped with, or research on some other aspect of bicycling that was presented to a class or service club.

**CAT**

- **P - 30 - 1**  Grade 9+
- **P - 30 - 2**  Grade 6-8
- **P - 30 - 3**  Grade 3-5
- **P – 30 – 4**  Cat Show (Tuesday June 23rd at 6:30 pm)

**Requirements:**
- A cat may be entered in the cat show or the pet show, not both.
- Bring proof of vaccination to the pet show.

- Be prepared to answer questions about your cat and its care.

**Exhibit Suggestions:**
- Educational exhibits may include models, diagrams or pictures. Members must have a photograph of themselves with their cat shown on a display or poster.

**CHILD & FAMILY DEVELOPMENT**

- **P - 40 - 1**  Grade 9+
- **P - 40 - 2**  Grade 6-8
- **P - 40 - 3**  Grade 3-5

**Requirements:**
- Exhibitors should be prepared to discuss, in conference judging, the age and other characteristics of the child for whom the exhibit is intended and how the exhibit contributes to the child's growth, development, and well-being.
- If the exhibit is designed to be interactive with children, the item is to be used with children before exhibiting and a photograph of this activity must accompany the exhibit. Signs of use will not detract from the placing of the exhibit.

**Exhibit Suggestions:**
- Toy, game, puzzle, puppets, art/craft materials, etc., made from new or recycled/throw-away material.
- Babysitting kit/travel kit/rainy day kit, including at least one item made by exhibitor.

- Scrapbook, photographs, items, reports, video, etc., on family heritage with description of what was learned about self and family.
- A creatively developed program and/or item used for or with a person with a special need (gifted, developmentally delayed, physically impaired, etc.).

**CITIZENSHIP**

- **P - 50 - 1**  Grade 9+
- **P - 50 - 2**  Grade 6-8
- **P - 50 - 3**  Grade 3-5

**Exhibit Suggestions:**
- 3-Ring binder, report binder or 3-sided display reporting on community projects and/or citizenship activities which you or your club completed under your leadership. Include plans of action as well as the evaluation of each.
- A written narrative and/or visual communication presentation of 8 to 10 minutes, using photos, video and/or slides, to show how you worked with others in your community to solve problems.

**CLOTHING AND TEXTILES**

Judging will take place Monday June 22nd at 2 PM.

- **P - 60 - 1**  Grades 9+ - Fashion Revue Clothes You Make
- **P - 60 - 2**  Grades 6-8 - Clothes You Make
- **P - 60 - 3**  Grades 3-5 - Clothes You Make
- **P - 60 - 4**  Grades 9+ - Clothes You Buy
- **P - 60 - 5**  Grades 6-8 - Clothes You Buy
- **P - 60 - 6**  Grades 3-5 - Clothes You Buy
- **P - 60 - 7**  Grades 9+ - Non Garment Exhibit
- **P - 60 - 8**  Grades 6-8 - Non Garment Exhibit
- **P - 60 - 9**  Grades 3-5 - Non Garment Exhibit
- **P - 60 - 10**  Grades 9+ - Fashion Revue Clothes You Make
- **P - 60 - 11**  Grades 6-8 - Fashion Revue Clothes You Make
- **P - 60 - 12**  Grades 3-5 - Fashion Revue Clothes You Make
- **P - 60 - 13**  Grades 9+ - Fashion Revue Clothes You Buy
- **P - 60 - 14**  Grades 6-8 - Fashion Revue Clothes You Buy
- **P - 60 - 15**  Grades 3-5 - Fashion Revue Clothes You Buy

**Clothes or Non Garment You Make Requirements:**
- Each garment must include an information tag listing: pattern company name and number, fiber content of fabric and care instructions, member name and club.
- Garments may have been worn before showing, but should be cleaned before exhibiting.
- Items constructed should be appropriate for skill level and experience of exhibitor.

**Clothes or Non Garment You Make Exhibit Suggestions:**
- A project such as a pillow top, tote bag, chef’s apron, skirt with elastic waistband, backpack, etc.
- A constructed garment made from a pattern
- Creative sewing such as wearable art, costume, or use of techniques such as knitting, cross-stitch, etc., incorporated into garment.
- Clothing or textiles display showing a "fact" or "why" related to clothing selection, care.
- Garment mended, repaired or recycled, with color photo of original garment and explanation of steps used.

**Clothes or Non Garment You Buy Requirements:**
- The purchased garment or outfit must be accompanied by an 8-1/2"x 11" binder with, at minimum, the following information:
  a) Colored photo of member wearing the garment. Label photo with name, county, and color of complexion, hair and eyes.
  b) Cost of garment. Explanation of why garment was purchased and examples of ways it will be used in existing wardrobe, and include inventory of wardrobe.
- Garments may have been worn before showing but should be cleaned and pressed before exhibiting.

**Clothes or Non Garment You Buy Exhibit suggestions:**
- A purchased garment that fits into your wardrobe plan.
- A poster showing cost comparisons, wardrobe building, accessorizing, care, etc.

**Fashion Revue Clothes You Make or Buy Requirements**
- Participants may model any clothing they have constructed, restyled or purchased as a part of their 4-H clothing project.

**Cloverbuds**

J - 1 - 1  A group project completed by your Cloverbud club (e.g., Cloverbud Club Banner, Cloverbud Poster, etc.).

J - 1 - 2  Any one item made by the Cloverbud member at a Cloverbud 4-H Club meeting.

J - 1 - 3  Any one item made at home. Some ideas include: 3 cut flowers in a vase, a potted plant, vegetable creature or creation, a nutritious food snack, a simple item you made for your home like a pillow, placemat, etc., rock creature, paper bag puppet, 4 interesting objects of nature, tree leaf collection, display of insects, simple craft item, or anything else you can think of.

K - 1 - 7  Cloverbud Demonstration - Individual
K - 1 - 8  Cloverbud Demonstration - Team
J - 3 - 6  Cloverbud Pet Show ** June 23rd at 6:30 pm
F - 1 - 6  Cloverbud Poultry Exhibit **
G - 1 - 5  Cloverbud Rabbit Exhibit**
Y - 1 - 5  Cloverbud Horse*** - Halter/Showmanship
Y - 8 - 5  Cloverbud Horse*** - Western Pleasure
Y - 14 - 5  Cloverbud Horse*** - Barrels

No State Fair trips in this division.

**Requirement:**
- Cloverbud members have completed kindergarten or grades 1-2.

**When animals and Cloverbuds are together in 4-H activities, such as fairs and shows, an adult/responsible person will be in control of the animal (control means to handle and/or lead the animal) at ALL TIMES. A responsible person is a screened adult volunteer, youth leader 6th grade and older, parent or other adult who may appropriately assist with the group.**

**Note: Bring proof of vaccination to the Pet Show.**

*** Cloverbuds may participate with a horse in three classes: Cloverbud Halter/Showmanship, Cloverbud Western Pleasure or Cloverbud Barrels. If the horse is used in a riding setting, the Cloverbud may sit on the back of the horse with a responsible person in control of the horse at all times. (See definitions above) Helmets are required for the Cloverbuds in any riding setting.

**COMPUTER**

P - 80 - 1*  Grade 9+
P - 80 - 2*  Grade 6-8
P - 80 - 3  Grade 3-5

**Requirements:**
- Computers may be used in judging, but emphasis is on documentation, screen print, and summary. 4-H’ers are responsible for providing and securing any hardware used for judging; hardware may not be left on display.
- Reports and written summaries should be bound in a booklet or placed in a folder.

**Exhibit Suggestions:**
- Display showing the parts of a computer and how they work, consumer choices involved when buying a computer, how computer software can be put to use. Include statement of purpose, written plan for use, and examples of use.
- Program/software developed by the 4-H member including a statement of objectives, and discussion of program. Program/software be original or adapted by the member from an existing program.

**CONSUMER EDUCATION**

- **P - 90 - 1*** Grade 9+
- **P - 90 - 2*** Grade 6-8
- **P - 90 - 3*** Grade 3-5

**Requirements:**
- Exhibitor should be able to explain his/her choices and the reasons for those choices.

**Exhibit Suggestions:**
- Label comparison showing different types of labels and/or models of same included.
- Consumer comparison comparing several models of the same item, showing feature, costs, etc., with best item selected and reasons why.

**CRAFTS & FINE ARTS**

- Members enrolled in Creative Arts can exhibit in both Fine Arts and Crafts.

  **Note:** All exhibitors are awarded at the state fair Blue, Red & White Ribbons. Then evaluation panels may determine special purple recognition awards.

**CRAFTS**

- **P - 100 - 1*** Crafts - Grade 9+
- **P - 100 - 2*** Crafts - Grade 6-8
- **P - 100 - 3*** Crafts - Grade 3-5

**Exhibit Suggestions:**
- For a beginner, choose a project that teaches new techniques. For advanced, choose a project requiring masterful craftsmanship.
- Basket making, tie dye, beading, ceramics, leather tooling, calligraphy, work from kits, etc.

**Requirement:**
- Each exhibit will be evaluated on its individual merit as a craft/kit.
- Emphasis is on the creative process and the employment of design elements and principles. The craft/kit exhibit develops from someone else’s ideas and can be exactly replicated or replicated with modifications.
- All art objects must be appropriately finished. Exhibits will be disqualified if not ready for hanging, displaying, etc. (i.e. wire or hooks on paintings, bases for 3 dimensional work, etc.)

**FINE ARTS**

- **P - 100 - 4*** Fine Arts - Grade 9+
- **P - 100 - 5*** Fine Arts - Grade 6-8
- **P - 100 - 6*** Fine Arts - Grade 3-5

**Exhibit Suggestions:**
- For a beginner, choose a project that teaches new techniques. For advanced, choose a project requiring mastery.
- Original work (no kits) in drawing painting, sculpture, print process, textiles, pottery, etc....

**Requirement:**
- Each exhibit will be evaluated on its individual merit as an original fine art.
- Emphasis is on the creative process and the employment of design elements and principles. The fine art exhibit should show proof that it is developed from the 4-Hers own ideas and imagination.
- All art objects must be appropriately finished. Exhibits will be disqualified if not ready for hanging, displaying, etc. (i.e. wire or hooks on paintings, bases for 3 dimensional work, etc.)

**CROP SCIENCES**

**CORN**

- **P - 110 - 1*** Grade 9+
- **P - 110 - 2*** Grade 6-8
- **P - 110 - 3*** Grade 3-5

**Requirements:**
- Crop must be grown on your farm in the previous growing season.
- Include 3 x 5 index card listing the variety.

**Exhibit Suggestions:**
- A two quart exhibit of shelled corn (no ear corn), must be placed in a clear two quart jar or 2 clear one quart jars.
- An educational display illustrating plant reproduction, soils, plant growth factors, plant characteristics, growing and using plants, plant growth and food production, examples of a plant disease, and the life cycle of that disease explaining causes and control.

**SMALL GRAINS & LEGUMES**

- **P - 110 - 4*** Grade 9+
- **P - 110 - 5*** Grade 6-8
- **P - 110 - 6*** Grade 3-5

**Requirements:**
- Crops must be grown on your farm during the previous or current growing season.
- Include 3 x 5 index card listing the variety.
**Exhibit Suggestions:**
- A two quart exhibit of any soybean or small grain variety, must be placed in a clear two quart jar or 2 clear one quart jars.
- An educational display illustrating one of the following ideas: plant reproduction, soils, plant growth factors, plant characteristics, growing and using plants, plant growth and food production, examples of a plant disease, and the life cycle of that disease explaining causes and control.

**DOG**
P - 120 - 1* Grade 9+
P - 120 - 2* Grade 6-8
P - 120 - 3 Grade 3-5

**Note:** Dog Show Entries can be found on the AnSci Pages

**Exhibit Suggestions:**
- Educational exhibits may include models, diagrams or pictures.
- Examples: dog diseases, breeding, training, etc.

**ELECTRIC**
P - 130 - 1* Grade 9+
P - 130 - 2* Grade 6-8
P - 130 - 3 Grade 3-5

**Requirements:**
- A wiring diagram or schematic must accompany all electric and electronic exhibits

**Exhibit Suggestions:**
- Working electrical item constructed for home, yard, or farm.
- Diagram of wiring in your home/farm showing switch locations, fuse boxes, wire size, capacities, fuse sizes, total bulk wattage, appliance wattage, number of circuits, and type of wiring installation.
- Electronic item built from kit, plan, or own design with an explanation of what it is and how it is used.
- Display ideas: Careers in electrical field, electrical experiment (may or may not have worked), educational display used in teaching others, etc.

**ENGINEERING DESIGN**

See more http://www.extension.umn.edu/youth/mn4-H/projects/set/ for more information

**AQUATIC ROBOTICS**
P - 135 - 1* Grade 9+
P - 135 - 2* Grade 6-8
P - 135 - 3 Grade 3-5

**Requirements:**
- Design and build their own remote-operated vehicle (ROV)
- Use and adapt it to monitor water quality
- Teams of a least 3 youth, or individuals may exhibit

**Exhibit Suggestions:**
- Display, binder, poster illustrating the process of doing the activity/project
- Exhibit of ROV

**ENGINEERING DESIGN**
P - 135 - 4* Grade 9+
P - 135 - 5* Grade 6-8
P - 135 - 6 Grade 3-5

**Requirements:**
- Include description of the problem/challenge being solved
- Include description of the process/steps undergone to solve problem

**Exhibit Suggestions:**
- Display, binder, poster illustrating the process of doing the activity/project
- Exhibit of engineering design product
- display, binder, poster, webpage exploring a related career

**ROBOTICS**
P - 135 - 7* Grade 9+
P - 135 - 8* Grade 6-8
P - 135 - 9 Grade 3-5

**Note:** The goal of the 4-H robotics program is for the 4-H members to explore science, technology and engineering through designing and building a functioning robot. The robot can be either programmable or remote controlled. The robot can be created by an individual or a group.

**Requirements:**
- Exhibits must be labeled with name, and county on all pieces of exhibit. Fair staff will not be responsible for lost, stolen or damaged robots or parts.
- Exhibits may have a one page report explaining the function, purpose and construction of the robot.

**Exhibit Suggestions:**
- A robots, a display, diagrams of programming, booklets, etc.

**RUBE GOLDBERG MACHINE**
P - 135 - 10* Team Member (grades 3-8)

Each member (regardless of age) should register in this class

Rube Goldberg is an overly complex contraption designed to accomplish a simple task. The best RGMs emulate their namesake by using a variety of everyday items in a whimsical way to create a series of chain-reaction steps to accomplish a simple task. In the contest, youth not only employ physics and engineering, but humor and storytelling, to create their RGMs.

This activity is a team event of at least 3 and no more than 10 members.

**Requirements:**
- Please refer to the Rube Goldberg Rule Book at www.4-H.umn.edu/events/engineering-design-challenge/ for complete details.
- Teams of at least 3 youth
- Minimum of 10 steps
Insect Collection exhibits:

Requirements:
- Team members must be available for both phases.
- Exhibits physical size limited to 6 ft x 6 ft x 6 ft
- Explain one thing/step on the machine that they use science content and skills to help solve a problem/challenge

Exhibit Suggestions:
- Create a blog (webpage) to show the Rube Goldberg Machine online
- RG machine itself - display, binder, poster illustrating the process of the doing the activity/project

The State Fair competition will consist of two phases. The first phase is a team conference judging experience held during the full day of the Encampment. This experience will last about 30 minutes. Teams will be able to explain their Rube Goldberg machine to the judge and demonstrate their machine as well. These will be scheduled throughout the day in 30 minute intervals and will be set up to avoid any other judging conflicts that team members may have.

The second phase of the evaluation will consist of a showcase public event where each team will demonstrate their machine. It will occur later in the day during the full day of the Encampment. Demonstrations will occur back to back and will be facilitated by a moderator. Both events are required and all team members must be available for both phases.

**ENTOMOLOGY**

P - 140 - 1*  Grade 9+
P - 140 - 2*  Grade 6-8
P - 140 - 3  Grade 3-5

Requirements:
Insect Collection exhibits:
- A. Collections shall be contained in a glass topped case; approximately 19” x 16.5” x 3” to 24” x 18” x 3” (drawers available for purchase in varying sizes). Arrange so that the case may be displayed in a horizontal position. Place project label on lower right corner of glass top. Only one case per exhibitor is allowed.
- B. Specimens must be collected. Purchased insects are not acceptable.
- C. Exhibitors must be the collector of the specimens in the project.
- D. Specimens must be properly pinned with insect pins. Small insects may need to be placed on cardboard points.
- E. Specimens must be properly labeled.
   1) The location, date, and collector must be included on the labels. County and state (and country, when applicable) are minimum location information that should be included. It is valuable to include nearest town or township where the specimen was collected, the type of habitat it was collected from (e.g. on elm tree; on lake shore; indoors.), and the common name of the insect.
   2) All labels should be visible so they can be read. Use permanent ink marker or pencil to write labels. Labels produced by a computer printer are acceptable. Ballpoint ink or non-permanent markers are not acceptable.
- F. For more specific information on pinning, labeling, and other information, see Collecting and Preserving Insects, A MN 4-H Entomology Resource, [www.4-H.umn.edu/projects/entomology](http://www.4-H.umn.edu/projects/entomology).

Non-Collection Project exhibits:
- A. Emphasis of project must relate to an aspect of entomology.
- B. Project must demonstrate specific knowledge of insects. Be prepared to discuss references and sources (e.g. books, magazines, internet, interviews with an expert etc.)
- C. Live projects (e.g. bee or ant colony) will be accepted if the project can be self-sustaining for up to 14 days without special care.
- D. A written report or journal should accompany the project, introducing the subject, describing the process (materials and method), predicting an outcome, stating the results, and discussing any conclusions. Pictures, drawings, charts, tables, or other figures may be used.

**EXPLORING ANIMALS**

P - 150 - 1*  Grades 9+
P - 150 - 2*  Grades 6-8
P - 150 - 3  Grades 3-5

Requirements:
- This area is for 4-Hers who wish to learn more about a given species. Animal ownership is not required.
- 4-Hers enrolled in Exploring Animals, Beef, Dairy, Goat, Lama, Poultry, Rabbit, Sheep or Swine may exhibit in this category.

Exhibit Suggestions: educational exhibit to show or explain something 4-Her made, did, learned, or may explore consumer issues, breeds or careers.
**EXPLORING THE ENVIRONMENT**

<table>
<thead>
<tr>
<th>Class</th>
<th>Grade</th>
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<tbody>
<tr>
<td>P - 160 - 1*</td>
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<tr>
<td>P - 160 - 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 160 - 3</td>
<td>Grade 3-5</td>
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</table>

*Exhibit Suggestions:*
- Display on environmental pollution describing the causes, effects on people and other living things, and methods to correct the situation.
- Display showing features of soils such as color, structure, texture.
- A display or journal of Minnesota plants, insects, animals, birds or fish. Include pictures or drawings and information on habits, foods, and shelter needs.
- Display showing erosion control practices such as minimum tillage, terraces, contour strips, grassed waterways, field windbreaks, water control structures, etc.

**FISHING SPORTS**

<table>
<thead>
<tr>
<th>Class</th>
<th>Grade</th>
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<tbody>
<tr>
<td>P - 170 - 1*</td>
<td>Grade 9+</td>
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<tr>
<td>P - 170 - 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 170 - 3</td>
<td>Grade 3-5</td>
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</tbody>
</table>

*Exhibit Suggestions:*
- Fish identification. Describe the habitat and food needs of selected Minnesota fish; develop a panel display explaining the life history of a fish; create a model or exhibit identifying the parts of a fish.
- Fishing Knots. Identify how and where each knot is used; fishing equipment which is made or repaired such as lures, fishing rods and reels, ice fishing rig, or other fishing equipment.
- Safety practices and techniques that are related to fishing or boating.
- Examples of how water quality affects the fish eco-system.

**FLOWER GARDENING**

<table>
<thead>
<tr>
<th>Class</th>
<th>Grade</th>
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<tbody>
<tr>
<td>P - 180 - 1*</td>
<td>Grade 9+</td>
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<tr>
<td>P - 180 - 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 180 - 3</td>
<td>Grade 3-5</td>
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*Requirements:*
- Label each container according to kind or variety.
- Live plant material will be accepted if it can be maintained in a fresh condition with ease.

*Exhibit Suggestions:*
- When exhibiting cut flowers, we suggest:
  1. three stems of one variety of annual flower, or
  2. one stem of a hardy perennial, or
  3. one stem of summer flowering bulbs, or
  4. one blossom of a tea rose, or
  5. one stem of a hardy shrub rose.
- Flower bouquet or arrangement on any theme.
- Display of dried flowers with a card explaining the drying method.

- My Flower Garden - Exhibit on poster board, not to exceed 22 x 28”. Include a plan of the garden drawn to scale (see Flower Gardening Bulletin, page 3), the correct variety name and pictures (or photographs) of the flowers grown. Be prepared to discuss the process from soil preparation to blooming.
- Educational Exhibit showing the principles of propagation or reproduction, nutrition, culture and physiology (how a plant lives and grows).

**FOODS AND NUTRITION**

**FOOD AND NUTRITION**

<table>
<thead>
<tr>
<th>Class</th>
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<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 190 - 3</td>
<td>Grade 3-5</td>
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*Requirements:*
- Exhibit may be food items and/or displays.
- Exhibitors should be prepared to discuss with the judge, references and information sources, nutritional values, methods, menu, costs, etc., as appropriate to that exhibit.
- The exhibit may be a poster, mobile, three-dimensional display, scrapbook, balance beam, charts, journals, pictures, slides, equipment, supplies, photographs, puppet play, skit, judging comparison, taped interview, file of ideas, research study, etc.
- Pictures, food models, plaster, plastic, papier-mâché, etc., are preferable to perishable foods in an educational exhibit. Perishable foods should be used only if they add to or help explain the educational exhibit. If perishable food is a part of the exhibit, the food is to be brought just for judging.
- Exhibits containing perishable foods, which will be discarded, must include a colored photograph of the food. The photograph should be taken prior to the County Fair and attached to the display. This photograph and a 3x5 note card listing nutrition information and the recipe will be displayed at the exhibit instead of the food.

*Exhibit Suggestions:*
- One serving of a nutritious food (vegetable or fruit dish, snack, bread, dairy, etc.). Include 8½ x 11 poster showing nutritional value, recipe, and a photo of the food.
- Study of nutrients needed for yourself or someone else, using the dietary guidelines and MyPlate.
- Make a food or fitness plan for yourself or someone else and show how it relates to nutritional and energy needs. (Example: an athlete on a volleyball team, a teen who doesn't have a lot of time).
- Adapt a recipe(s) to show healthier ingredient choices.
- Study of physical fitness and/or food choices are related to disease (such as: cancer, heart disease, osteoporosis, diabetes, etc.).
- Study of labels from similar food items, comparing important nutrient content like fat, fiber, and sugar.
- Exhibit showing food and/or kitchen safety.
- Nutrition/food science experiment.

**FOOD PRESERVATION**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
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<tbody>
<tr>
<td>9+</td>
<td>Exhibits should be mounted on cardboard or other sturdy material.</td>
</tr>
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</table>

**Exhibit Suggestions:**

- Collection of leaves or needles with twigs, identified with their common name. Common name should be printed near the identified leaf/needle.
- Photographic display of forest products--include the name of the product/use to identify the photograph.
- Display showing tree growth; annual ring cross-sections; make a seed collection.
- Prepare a report with drawings about your favorite tree--include name of tree, drawings or pictures of tree, facts and uses of the tree, and other appropriate information.
- Display showing layers of the forest; renewable versus non-renewable resources; forestry careers; leaf and twig identification; taxonomic keys; tree road maps.
- Display showing forest succession; tree and forest measurements; fire's effect on the forest; how trees grow; forest types; harvesting methods; entomology of the forest; pathology of the forest.
- Display showing forest products, including maple syrup production; wood products; Christmas trees or other forest resources (recreation, wildlife, etc.).
- Display showing specialized woodland management, including shelterbelts/windbreaks and urban forestry.

**FRUIT**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td>9+</td>
<td>Include a 3 x 5 index card listing the varieties of fruit, name and club of exhibitor.</td>
</tr>
</tbody>
</table>

**Exhibit Suggestions:**

- Display showing a comparison of several varieties of the same fruit (labeled); display using a branch to illustrate proper pruning of fruit trees and explaining the process; illustrate the many uses of fruits (fresh, jams, juices, cooking, baking, salads and recipes); illustrate the use of fruits as natural dyes.
- Educational display illustrating diseases (actual specimens) or insects (actual specimens) and methods of control.

**GEOLGY**

<table>
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<tr>
<td>9+</td>
<td>Attach specimens securely to a backboard and display in a glass-topped case of the same model as used by the entomologists (approximately 19&quot; x 16.5&quot; x 3&quot;). Specimens should be approximately 2&quot; x 2&quot;. Label each specimen using the label described on page seven of the Geology Manual. Size of label may be reduced to fit display case, if necessary.</td>
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**FOREST RESOURCES**

<table>
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**Exhibit Suggestions:**

- Attach specimens securely to a backboard and display in a glass-topped case of the same model as used by the entomologists (approximately 19" x 16.5" x 3"). Specimens should be approximately 2" x 2". Label each specimen using the label described on page seven of the Geology Manual. Size of label may be reduced to fit display case, if necessary.
---

**Requirements:**

- Members exhibiting in this project should be prepared to discuss and/or have written information to show how their exhibit applies to the home, how and where it is used or displayed, and all details of how it was made or selected. They should know about the subject matter of the specific exhibit, the materials used, how and why it was done, costs involved, and alternatives considered.

**Exhibit Suggestions:**

- Display of birthstones, a rock plate, or an egg carton collection (see geology bulletin), six silly silicates.
- Rocks, minerals, or fossils from within Minnesota or on a definite theme such as metamorphism, weathering, quartz minerals, ores, or a theme of your own choosing.
- Polished rock types used to make decorative items such as paperweights and jewelry; include an unpolished specimen of each rock type.
- Educational exhibit showing the "science how's and why's" dealing with the principles of geology and natural earth sciences.

**GLOBAL CONNECTIONS**

- Educational exhibit showing the "science how's and why's" dealing with the principles of geology and natural earth sciences.

**Exhibit Suggestions:**

- Poster or report explaining what you learned as a result of a cross-cultural home stay experience.
- Report or display on mission trip, school trip, pen pal, etc.

**HEALTH**

- Report on a health issue (i.e. alcohol and chemical abuse, eating disorders, sexuality, sexually transmitted disease, pregnancy, stress, depression) of your choice.
- Report on a community project that you conducted on a health issue. Include objectives, audience, timetable, program description, materials, community support and evaluation.

**HOME ENVIRONMENT**

- A photograph and report showing its place in the home environment must accompany exhibits that are items for the home.
- Pictures and wall hangings that are exhibited should be finished and ready to hang.
- Purchased kits ARE ALLOWED to be used.

**Indoor Gardening**

- Finished or refinished wood item, or reupholstered furniture.
- Repaired, restored, or remodeled item for the home.
- Chart and/or plan for the care and maintenance of the inside or outside of the home including daily, weekly, monthly, and yearly jobs.
- An article remade or reclaimed for the home with a link to the past, including history of use.
- Description, diagrams/photos, samples and cost of a redecorating or remodeling plan showing before and after.

**Exhibit Suggestions:**

- Educational exhibit showing plant propagation, plant history, forcing bulbs, life cycle of a flowering plant, etc.

**INDEX**

- Educational exhibit showing plant propagation, plant history, forcing bulbs, life cycle of a flowering plant, etc.

**Exhibit Suggestions:**

- Two or more varieties of house plants with common and botanical name.
- Terrarium or dish garden: consider terrarium material of general terrarium plant of native and woodland plants of Minnesota.
- Educational exhibit showing plant propagation, plant history, forcing bulbs, life cycle of a flowering plant, etc.
LAWN AND LANDSCAPE DESIGN

P - 280 - 1* Grade 9+
P - 280 - 2* Grade 6-8
P - 280 - 3 Grade 3-5

Requirements:
- Posters showing physiology of a tree are not eligible for State fair
- Evaluation will be based on design, neatness, plants used, and story told.

Exhibit Suggestions:
- Landscape Plan (not to exceed 22" x 28") drawn to scale with plants and major areas of yard labeled; should show changes and future plans. Photographs showing "before and after" views are desirable.
- Design a project meeting for this project area (in booklet form) including what you would teach, how you would teach it, goals of your meeting, activities you would include, and visual aids you would use.

NEEDLE ARTS

P - 290 - 1* Grade 9+
P - 290 - 2* Grade 6-8
P - 290 - 3 Grade 3-5

Requirements:
- Each exhibit must include a consumer information tag, if appropriate, with the following information: pattern company name and number, techniques, fiber content, cost, and care instructions.
- Participant encouraged to bring instructions/pattern
- If item is framed, a wall hanging, or to be displayed on a wall, it should be finished and ready to hang.

Exhibit suggestions:
- Any item made by the member using the techniques of knitting, crocheting, embroidery and crewel, counted cross stitch, needlepoint, hardanger, handquilting, weaving, applique, latchhook, tatting, other.
- Consumer Product Analysis: Comparison and evaluation of materials, supplies, or accessories used for a needle arts technique.
- Historical/Cultural Study: Story, poster, or display about a needle arts heirloom from your family or local history museum. Exhibit must include information about how item should be preserved.

PERFORMING ARTS

P - 300 - 1* Grade 9+
P - 300 - 2* Grade 6-8
P - 300 - 3 Grade 3-5

Exhibit Requirements:
- Exhibit can be either a performance or an exhibit that shows a member’s involvement or interest in the performing arts.
- To be eligible for State Fair, the member must be able to discuss the process of selecting, planning, performing and reflection on their project work.
- If the exhibit is an actual performance, the performance cannot last longer than 10 minutes.

Exhibit Suggestions:
- Poster or display about your involvement or interest in the performing arts.
- A puppet and script made and created by member.
- Create and perform a short story, show, music selection, etc., and include a write-up about it.
- A journal or scrapbook (with written statements) of current performing arts experiences.
- An educational display of some aspect of music, drama, or performing.

PETS

P - 310 - 1* Grade 9+
P - 310 - 2* Grade 6-8
P - 310 - 3 Grade 3-5
P - 310 - 4 Pet Show June 23 at 6:30 p.m.

Requirements:
- PET MUST BE DOMESTICATED -
- A cat or dog may be shown in the pet show or the cat or dog show, not both.
- Animals that were raised as a part of another project may not be shown in the pet show.
- Bring proof of vaccination to the pet show.

Exhibit Suggestions:
- Educational display explaining pet care, health, nutritional needs, etc; exhibit must include a photograph of 4-Her with their pet.
- Pet related exhibit, i.e. photo album, history of species display, animal care display.

PHOTOGRAPHY

PHOTOGRAPHY-Digital/film
See http://www.4-H.umn.edu/projects/photography for more details and explanations related to photography and video exhibits.

ELEMENTS OF PHOTOGRAPHY

Photo exhibit will focus on elements of photography what makes a good photograph.
(Minimal editing/enhancement are optional and limited to ONLY cropping, brightness/exposure, color/saturation and contrast.)

P - 320 - 1* Grade 9+
P - 320 - 2* Grade 6-8
P - 320 - 3 Grade 3-5
**Equipment:**
Any electronic device capable of capturing a photographic image to be printed (i.e. digital or film camera, underwater camera, time lapse camera, cell phone, tablet)

**Requirements:**
- All photos exhibited MUST have been taken/produced/enhanced by the exhibitor during the current 4-H year.
- Exhibitor’s name, club, county and exhibit class and lot should be printed on the back of the exhibit.
- When editing or using enhancements an unaltered 4 X 6” photo must be included on the back of the exhibit.
- NO picture frame or glass allowed for safety.
- Photos should be 4 X 6”, enlargements should be 5 X 7” or 8 X10” and mounted on mat board or poster board, neutral colors are best (white, tan, grey or black). Do not use construction paper. Use 14 X 22” board for 5 or more photos. Cut a smaller board for 2 to 4 prints or a panorama.

**Exhibit ideas:**
- Photo story of 3 to 7 (4 X 6”) photos in a photo matte or displayed on poster board to show a process (before and after).
- Photo story can also include documenting, some examples might include:
  - Town’s history, could include photos of residences: e.g. families, elderly, government officials, veterans, teachers, service officials (fire, police, medical), volunteers, founding families history, etc.
  - 4-H project, or another member’s 4-H project or your club’s community service
  - Environmental issue(s) or a community need
  - “A Day in the Life” of… (farm or city youth, an elementary, middle school or high school youth, etc.)
- Common theme or subject of 3 to 7 photos (4 X 6”) (i.e. people, buildings, landscape, animals, seasons, action, nature, weather, shapes, close-ups, etc.).
- Panorama
- Enlargement or multiple 4 X 6” photos to show photographic elements you learned about and includes explaining how you used your camera to take these images. Ideas include: Aperture priority, shutter speed, rule of thirds, leading lines, ISO, etc.)
- Enlargement or multiple 4 X 6” photos to show photographic style. Ideas include: Illustrate lighting technique, journalistic photography, documentary photography, commercial photography, portrait setup, collage, etc.

**CREATIVE/APPLIED PHOTOGRAPHY**
Photos will focus on using photography to show creatively edited photos and how photography is used in everyday life. Software editing is required for this category using layering, creative coloring, or text additions, etc.

**Equipment:**
Any electronic device capable of capturing a photographic image to be printed (i.e. digital or film camera, underwater camera, time lapse camera, cell phone, tablet)

**Requirements:**
- All photos exhibited MUST have been taken/produced/enhanced by the exhibitor during the current 4-H year.
- Exhibitor’s name, club, county and exhibit class and lot should be printed on the back of the exhibit.
- When editing or using enhancements, an unaltered 4 X 6” photo must be included on the back of the exhibit.
- NO picture frame or glass allowed for safety.
- Enlargements should be 5 X 7” or 8 X10”; multiple photos on project should be 4 X 6”;
- Software suggestions include: Photoshop, Picasa, Gimp, Pickmonkey, Pixi, Fotoflexer, etc. (Non-affiliated website information can be found online)

**Exhibit ideas:**
- Enlarged photograph (5 X 7” or 8 X 10”) digitally processed or software enhanced on neutral matting (white, tan, grey or black) (the unaltered 4 X 6” photo must be included on the back of the exhibit.)
- Calendar, brochure, event poster, etc. (NO scrapbooks)
- Illustrate software skills: Using multiple layer techniques, selective coloring, HDR etc.
- Slideshow-compilation of photo images-use titles, voice over, background selections, to make a show, etc. For judging can show project on 14 x 22 poster board or computer, tablet or DVD

**PLANT AND SOIL SCIENCE**

**Equipment:**
Any electronic device capable of capturing a photographic image to be printed (i.e. digital or film camera, underwater camera, time lapse camera, cell phone, tablet)

**Requirements:**
- All photos exhibited MUST have been taken/produced/enhanced by the exhibitor during the current 4-H year.
- Exhibitor’s name, club, county and exhibit class and lot should be printed on the back of the exhibit.
- When editing or using enhancements, an unaltered 4 X 6” photo must be included on the back of the exhibit.
- NO picture frame or glass allowed for safety.
- Enlargements should be 5 X 7” or 8 X10”; multiple photos on project should be 4 X 6”;
- Software suggestions include: Photoshop, Picasa, Gimp, Pickmonkey, Pixi, Fotoflexer, etc. (Non-affiliated website information can be found online)

**Exhibit ideas:**
- Enlarged photograph (5 X 7” or 8 X 10”) digitally processed or software enhanced on neutral matting (white, tan, grey or black) (the unaltered 4 X 6” photo must be included on the back of the exhibit.)
- Calendar, brochure, event poster, etc. (NO scrapbooks)
- Illustrate software skills: Using multiple layer techniques, selective coloring, HDR etc.
- Slideshow-compilation of photo images-use titles, voice over, background selections, to make a show, etc. For judging can show project on 14 x 22 poster board or computer, tablet or DVD

**PLANT AND SOIL SCIENCE**

**Exhibit Suggestions:**
- An educational display illustrating one of the following: Plant Growth Factors, plant characteristics, growing and using plants, plant growth and food productions.
**POTATOES**  
**P - 340 - 1** Grade 9+  
**P - 340 - 2** Grade 6-8  
**P - 340 - 3** Grade 3-5

**Exhibit Suggestions:**  
- Twelve potatoes (this year’s crop) similar in size with variety identified on a 3 x 5 card.  
- Educational display illustrating diseases and control, methods of mulching and reasons, causes and effects of sun scald.

**QUILTING**  
**P - 350 - 1** Grade 9+  
**P - 350 - 2** Grade 6-8  
**P - 350 - 3** Grade 3-5

**Requirement:**  
- Each Item should include information listing: pattern book & name, fiber content of fabric & batting, and care instructions. If not hand tied by the 4-Her, state who hand/machine quilted the final project. (Note: depending on skill level of 4-Her, someone else may do the final quilting).  
- Item may be either machine quilted, hand quilted, or hand tied.  

**Exhibit Suggestions:**  
- A quilted item, any finishing technique acceptable.  
- Repair of an old quilt.  
- A display showing the history of quilting, fabrics and patterns used in quilting, or a topic of your choice.

**SAFETY**  
**P - 370 - 1** Grade 9+  
**P - 370 - 2** Grade 6-8  
**P - 370 - 3** Grade 3-5

**Exhibit Suggestions:**  
- Explore a safety issue of your choice. Ideas include traffic safety, home safety, farm safety, community safety, fire prevention, and first aid kit. Include an item for display representative of project activity.  
- Prepare a First Aid Kit and be able to explain the reasons for the items you included.  
- Exhibit may be display, binder, poster, etc.

**SELF-DETERMINED**  
**P - 380 - 1** Grade 9+  
**P - 380 - 2** Grade 6-8  
**P - 380 - 3** Grade 3-5

**Requirement:**  
- This Division is intended for an exhibit that doesn’t fit in any other project area. This is not a “catch-all” category but rather intentional self-directed learning.

- A team may consist of not more than three (3) individuals from the same club or from up to 3 different clubs from the same county.  
- To be eligible for State Fair, the member(s) must be able to discuss the process of selection, planning and management of a self-determined learning experience.

**Exhibit Suggestions:**  
- Poster, display, or notebook showing the process of doing the activity/project  
- Display of finished work

**SHOOTING SPORTS / WILDLIFE MANAGEMENT**  
**P - 390 - 1** Grade 9+  
**P - 390 - 2** Grade 6-8  
**P - 390 - 3** Grade 3-5

**Requirements:**  
- Exhibit may not exceed 12” deep x 24” wide x 36” high, except that a gun, bow and arrow, or taxidermy item may be included in a display and will not be considered in the calculation of dimensions.  
- MN and 4-H regulations for handling and storing firearms must be followed.  
- No explosive materials are allowed. Arrows must be secured in such a manner so as to prevent their points or edges from being a hazard. Only sporting firearms and bows will be exhibited, displayed or demonstrated.  

**Exhibit Suggestions:**  
- Safety techniques applied to shooting activities (e.g., range commands and range safety, eye and ear protection, cleaning a firearm, dressing for safety-first aid, survival skills, etc.).  
- Shooting Skills (e.g., basic safety rules, basic parts and functions of each piece of equipment, care and maintenance, accessories, position, etc.).  
- Display illustrating key field identification features of a group of game animals (e.g., distinguishing various species of puddle ducks, differences among five look-alike species, of upland game birds, etc.).  
- Leadership skills learned in your shooting sports club.  
- History and nomenclature of trapping, hunting, and firearms.  
- Sportsmanship: Ethical behavior and responsibility, effects of values to wildlife of modern game laws and regulations.  
- Clowning and geospatial projects should now be entered in this category.
**Requirements:**
- Exhibit must not take up more than 20 square feet of floor space.
- Attach a card to all exhibits describing construction materials, unusual joinery finishing techniques, and total cost.

**Exhibit Suggestions:**
- Article made of wood or metal
- Wooden or metal article repaired, finished, or refinished.
- Display on properties, uses, or processing of wood.

**SMALL ENGINES**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P - 410 - 1*</td>
<td>Grade 9+</td>
</tr>
<tr>
<td>P - 410 - 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 410 - 3</td>
<td>Grade 3-5</td>
</tr>
</tbody>
</table>

**Exhibit Suggestions:**
- Small engine that has been reconditioned or repaired.
- A device constructed by a member utilizing a small engine.
- Display on the parts of an engine, etc.

**TRACTOR**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P - 420 – 1*</td>
<td>Grade 9+</td>
</tr>
<tr>
<td>P - 420 – 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 420 – 3</td>
<td>Grade 3-5</td>
</tr>
</tbody>
</table>

**Requirements:**
- Check space requirements for large exhibits with staff. Large exhibits may be displayed outdoors.
- Fuel must be removed from exhibits for display.

**Exhibit Suggestions:**
- A poster, video, display, notebook, representing your project learning.
- Restored, reconditioned, rebuilt tractor.
- Exhibit may represent learning about tractor safety, history, use, purchasing decisions, establishing a custom business with your field or lawn tractor, or material prepared to train others.

**VEGETABLE GARDENING**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P - 430 - 1*</td>
<td>Grade 9+</td>
</tr>
<tr>
<td>P - 430 - 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 430 - 3</td>
<td>Grade 3-5</td>
</tr>
</tbody>
</table>

**Requirements:**
- Label vegetables with proper variety names.
- When exhibiting large size vegetables include one sample (cabbage, squash, melon, pumpkin, cauliflower, Swiss chard, etc.); medium size vegetables include 3 samples (tomatoes, onions, peppers, turnips, beets, cucumbers, kohlrabi, carrots, etc.); small size vegetables include 12 samples (snap beans, lima beans, green beans, green peas, etc.).
- Do not use potatoes or cherry tomatoes in the exhibit.
- If selected for State Fair: vegetable exhibits taken to state fair must contain six different vegetables or be an educational display.

**Exhibit Suggestions:**
- Collection of three or more different vegetables, (use the guide above).
- Display showing three varieties of the same vegetable.
- Educational display showing some aspect of vegetable gardening (e.g., the difference in development between thinned vs. unthinned vegetables).
- A mini garden planted in a tub, pail, or large planter.

**VETERINARY SCIENCE**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P - 440 - 1*</td>
<td>Grade 9+</td>
</tr>
<tr>
<td>P - 440 - 2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P - 440 - 3</td>
<td>Grade 3-5</td>
</tr>
</tbody>
</table>

**Requirements:**
- Exhibit may include models, diagrams, actual items and/or written articles.

**Exhibit Suggestions:**
- Diagram of your favorite animal with anatomy
- Display or binder on diseases of animals, ringworm, heartworm, displaced abomasums, hip dysphasia, scours, etc.

**VIDEO**

See [http://www.4-H.umn.edu/projects/photography](http://www.4-H.umn.edu/projects/photography) for more details and explanations related to photography and video exhibits.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P – 450-1*</td>
<td>Grade 9+</td>
</tr>
<tr>
<td>P – 450-2*</td>
<td>Grade 6-8</td>
</tr>
<tr>
<td>P – 450-3</td>
<td>Grade 3-5</td>
</tr>
</tbody>
</table>

**Equipment:** camcorder, flip camera, digital camera, time lapse camera or trail camera, cell phone, tablet

**Requirements:**
- All videos exhibited must have been recorded in the current 4-H year.
- All videos exhibited must be made by the exhibitor OR if the video is made by a video production team, the exhibitor must be a member and must have created at least 50 percent of the finished video.
- Video must be presented on DVD, USB or flash drive.
- Video must include a title and credits.
- The video must be original material, portions from other sources must be documented and have a copyright release.
- The exhibitor’s name, grade, club, and exhibit class must be clearly printed on all exhibit pieces.
- A computer with DVD player or USB port will be provided for viewing the video during the conference judging. If other equipment is needed for viewing, additional arrangements need to be made in advance.
- Video must be playable on Windows, use file format including .WMV, .FLV and .MPEG, as well as a playable DVD. This is not a slideshow (see Creative/Applied Photography)

**Exhibit Ideas:**
- A poster that illustrates how a video camera works, or how to care for video equipment, illustration of computer video creation, etc.
- Video short-limited to 5 minutes or less (to insure full viewing by judge during judging process)
  - Showcase various video techniques.
  - A selected subject. Include a short storyboard or outline.
- Video made by blending computer technology and traditional camera created video.
- Video using data from trail camera or time lapse camera (stop action video)
- Video using Claymation

**Purpose:**
Youth Leadership is a project area that requires the member to discover their skills and then develop those skills and share them with others. This might happen individually or with a group.

**Guidelines:**
Taking charge, leading a service project, and sharing the steps from beginning to end would be one example of a youth leadership project. Some ways to present your work would be (but are not limited to): three sided display boards, scrapbooks, and posters.

**ANIMAL SCIENCE PROJECTS**

**BEEF**

<table>
<thead>
<tr>
<th>Birth Dates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Calf</td>
<td>Jan 1 – Apr 30, 2015</td>
</tr>
<tr>
<td>Fall Calf</td>
<td>Sept.1-Dec. 31, 2014</td>
</tr>
<tr>
<td>Summer yearling</td>
<td>May 1-Aug. 31, 2014</td>
</tr>
<tr>
<td>Junior yearling</td>
<td>Jan. 1-April 30, 2014</td>
</tr>
<tr>
<td>Senior yearling</td>
<td>Sept. 1-Dec. 31, 2013</td>
</tr>
<tr>
<td>Cow/Calf</td>
<td>Calf born on or after January 1 of current year</td>
</tr>
<tr>
<td>Prospect Calf</td>
<td>Jan 1 – Apr 30, 2015</td>
</tr>
<tr>
<td>Market Beef</td>
<td>January 1 – Aug. 31, 2014</td>
</tr>
<tr>
<td>Market Heifer</td>
<td>January 1 – Aug. 31, 2014</td>
</tr>
</tbody>
</table>

**BREEDING HEIFER**

- **A - 1** Registered - All Breeds
- **A - 3** Commercial—All Breeds

Use the following Classes, with the Divisions above and birth dates below, to indicate the age of your project animal(s):

- **3** Summer Yearling
- **4** Junior Yearling
- **5** Senior Yearling
- **6** Calf (Spring & Fall calf - all breeds)

**Requirements:**
- Beef heifer ownership ID forms and/or lease agreements must be on file in the Regional Extension 4-H Office by May 15th of the current year.

**COW AND CALF**

- **A - 20- 1** Cow and Calf pair

**Prospect Calf**

- **A-30-1** Heifer Calf
- **A-30-2** Steer Calf
MARKET BEEF

A - 40- 1* Market Steer
A - 40- 2* Market Heifer

Requirements:
- Recommended minimum weight for State Fair is 1,000 pounds; maximum weight is 1,500 pounds. Market animals exceeding the maximum weight will not be eligible for State fair.

DAIRY STEER
A - 50- 1* Dairy Steer

Requirements:
- Recommended minimum weight for State Fair is 1,000 pounds; maximum weight is 1,600 pounds. Market animals exceeding the maximum weight will not be eligible for State fair.
- Dairy Steers must be 100% of one of the following Dairy Breeds to be accepted in the dairy steer show: Ayrshire, Brown Swiss, Guernsey, Holstein, and Jersey.
- Dairy Steers showing permanent teeth may be shown, but they can place no higher than a red ribbon and they will not be eligible for State Fair or auction.

BEEF SHOWMANSHIP
A - 60- 1 Grades 9+
A - 60- 2 Grades 6-8
A - 60- 3 Grades 3-5

All showmanship exhibitors must use their own animal for showmanship. By "own animal" we mean an animal the exhibitor has shown previously during this show.

- 24* Cow - three years and older
- 25* Dry Cow

Requirements:
- Senior Yearlings that have calved must compete in the two-year-old cow class.
- Advanced classes must show a complete butterfat record for 305 days.

DAIRY SHOWMANSHIP
B - 60 -1 Grades 6 and over
B - 60 -2 Grades 3-5

All showmanship exhibitors must use their own animal for showmanship. By "own animal" we mean an animal the exhibitor has shown previously during this show.

GOAT DAIRY

BIRTH DATES:
- Junior Doe Kid April 1 to June 30, 2015
- Senior Doe Kid Jan. 1 to March 31, 2015
- Dry Yearling Doe January 1 – December 31st, 2014
- Milking Yearling Doe January 1 – December 31st, 2014
- Milking two-year old Doe January 1 – December 31st, 2013
- Milking ~ 3 Years and under 5 years Born in 2011 or 2012
- Milking ~ 5 Years and older Born before 2011

Use the following Classes, with the Divisions and birth dates above, to indicate the age of your project animal(s):
- 1* Junior Doe Kid
- 2* Senior Doe Kid
- 3* Dry Yearling Doe
- 4* Milking Yearling Doe
- 5* Milking Two Year Old Doe
- 6* Milking Doe - Three or Four Years Old
- 7* Milking Doe - Five Years and Older

GOAT SHOWMANSHIP (dairy and meat)
C - 60- 1 Grades 9+
C - 60- 2 Grades 6-8
C - 60- 3 Grades 3-5

All showmanship exhibitors must use their own animal for showmanship. By "own animal" we mean an animal the exhibitor has shown previously during this show.

DAIRY

Birth Dates:

<table>
<thead>
<tr>
<th>Animal</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calf</td>
<td>Sept. 1, 2014 to Feb 29, 2015</td>
</tr>
<tr>
<td>Junior Yearling</td>
<td>March 1 to August 31, 2014</td>
</tr>
<tr>
<td>Senior Yearling</td>
<td>Sept. 1, 2013 to Feb 28, 2014</td>
</tr>
<tr>
<td>2 year old</td>
<td>Sept 1, 2011, to Aug 31, 2013</td>
</tr>
<tr>
<td>Three years &amp; older</td>
<td>Born before Sept. 1, 2012</td>
</tr>
</tbody>
</table>

All Breeds

B - 1 All Breeds

Use the following Classes, with the Divisions and birth dates above, to indicate the age of your project animal(s):
- 20* Calf
- 21* Junior Yearling
- 22* Senior Yearling
- 23* Two Year Olds -
**GOAT MEAT**

**BIRTH DATES:**

<table>
<thead>
<tr>
<th>Goat Type</th>
<th>Birth Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market Goat (altered male or female)</td>
<td>January 1 – April 30, 2015</td>
</tr>
<tr>
<td>*Meat Breeding Dry Yearling (registered or grade)</td>
<td>Born in 2014, never kidded</td>
</tr>
<tr>
<td>Junior Meat Goat Breeding Doe (registered or grade)</td>
<td>April 1 – May 31, 2015</td>
</tr>
<tr>
<td>Senior Meat Goat Breeding Doe (registered or grade)</td>
<td>January 1 – March 31, 2015</td>
</tr>
</tbody>
</table>

**MARKET GOAT**

<table>
<thead>
<tr>
<th>Age</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 to 18 months</td>
<td>Market Goat–altered male or female, no bucks</td>
</tr>
<tr>
<td>19 to 24 months</td>
<td>Dairy Market Goat–altered male or female, no bucks</td>
</tr>
<tr>
<td>25 to 30 months</td>
<td>Junior Meat Breeding Doe, registered or grade</td>
</tr>
<tr>
<td>31 to 36 months</td>
<td>Senior Meat Breeding Doe, registered or grade</td>
</tr>
</tbody>
</table>

**Requirements:**

- Market animals must be a minimum of 40 pounds, but not to exceed a maximum of 110 pounds by State Fair.

Note: For safety reasons, all market goats must be de-horned/disbudded. Meat breeding does may have horns and they do not need to be capped or blunted. However, if an animal is deemed a safety concern at the discretion of the committee, additional safety measures may be required.

**DOG**

**DOG AGILITY**

<table>
<thead>
<tr>
<th>Age</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2 months</td>
<td>Agility–Beginner</td>
</tr>
<tr>
<td>3-5 months</td>
<td>Agility–Elementary</td>
</tr>
<tr>
<td>6-10 months</td>
<td>Agility–Intermediate</td>
</tr>
<tr>
<td>11-15 months</td>
<td>Agility–Senior</td>
</tr>
<tr>
<td>16-20 months</td>
<td>Agility–Advanced</td>
</tr>
<tr>
<td>21-25 months</td>
<td>Agility–Jumpers 1</td>
</tr>
<tr>
<td>26-30 months</td>
<td>Agility–Jumpers 2</td>
</tr>
<tr>
<td>31-35 months</td>
<td>Agility–Jumpers 3</td>
</tr>
</tbody>
</table>

**DOG OBEDIENCE**

<table>
<thead>
<tr>
<th>Age</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2 months</td>
<td>Obedience–Beginner A</td>
</tr>
<tr>
<td>3-5 months</td>
<td>Obedience–Beginner B</td>
</tr>
<tr>
<td>6-10 months</td>
<td>Obedience–Graduate Beginner</td>
</tr>
<tr>
<td>11-15 months</td>
<td>Obedience–Novice</td>
</tr>
<tr>
<td>16-20 months</td>
<td>Obedience–Graduate Novice</td>
</tr>
<tr>
<td>21-25 months</td>
<td>Obedience–Pre Open</td>
</tr>
<tr>
<td>26-30 months</td>
<td>Obedience–Pre-Utility</td>
</tr>
<tr>
<td>31-35 months</td>
<td>Obedience–Utility</td>
</tr>
<tr>
<td>36-40 months</td>
<td>Obedience–Veterans</td>
</tr>
<tr>
<td>41-45 months</td>
<td>Obedience–Brace</td>
</tr>
<tr>
<td>46-50 months</td>
<td>Obedience–Four Dog Team</td>
</tr>
<tr>
<td>51-55 months</td>
<td>Obedience–Four Dog Team ALTERNATE</td>
</tr>
</tbody>
</table>

**DOG SHOWMANSHIP**

<table>
<thead>
<tr>
<th>Age</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2 months</td>
<td>Novice</td>
</tr>
<tr>
<td>3-5 months</td>
<td>Open</td>
</tr>
</tbody>
</table>

All showmanship exhibitors must use their own animal for showmanship. By "own animal" we mean an animal the exhibitor has shown previously during this show.

**DOG RALLY**

<table>
<thead>
<tr>
<th>Age</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2 months</td>
<td>Rally – Pre-Novice</td>
</tr>
<tr>
<td>3-5 months</td>
<td>Rally – Novice</td>
</tr>
<tr>
<td>6-10 months</td>
<td>Rally – Pre-Advanced</td>
</tr>
</tbody>
</table>

**Requirements:**

- A dog may be shown in the dog show or the pet show, not both!

- Cass County Dog show is scheduled for Monday, August 3, at 1 p.m. at the Pine River fairgrounds in Pine River.

- 4-Hers shall exhibit in the classes corresponding to the level of training they and their dog have received. Additional information, class requirements, and rules/regulations can be found in the Minnesota 4-H Agility, Obedience, and Showmanship rules and guidelines (three separate publications) available on the MN 4-H dog project website (http://www.extension.umn.edu/youth/mn4-H/projects/animal-science/dog/).

- All dogs must be vaccinated according to the requirements listed on the MN 4-H Dog Project Identification Form and Vaccination Verification (DogIDA).
**HORSE**

**HORSE SHOW**

| Y - 1 | Showmanship at Halter |
| Y - 2 | English Equitation, Hunt/Seat Flat |
| Y - 3 | English Equitation, Saddle Seat |
| Y - 3 | English Pleasure, Hunt Seat Open |
| Y - 5 | English Pleasure, Saddle Seat Open |
| Y - 6 | Western Pleasure/PLEASURE TYPE |
| Y - 7 | Western Pleasure/Stock Type |
| Y - 8 | Western Horsemanship |
| Y - 9 | Trail Class |
| Y - 10 | Egg & Spoon |
| Y - 11 | Pole Weaving |
| Y - 12 | Jumping Figure 8 |
| Y - 13 | Key Race |
| Y - 14 | Barrel Race |
| Y - 16 | Pennant Race |
| Y - 17 | Diaper Race |

Use the following grade classes to enter the above divisions.

- 1 Grade 9+  
- 2 Grade 6-8  
- 3 Grade 3-5  
- 4 Pony

**Requirements:**

- Horse Helmet Policy:  
  All 4-Hers participating in any 4-H sponsored mounted activity are required to wear properly fastened ASTM/SEI approved protective headgear. Helmet use is required when mounted. This policy also extends to 4-H volunteers when they are working with 4-H youth in a 4-H volunteer role during mounted activities.  
  - Additional information can be found on [www.4-H.umn.edu/projects/animal-science/horse](http://www.4-H.umn.edu/projects/animal-science/horse)  
  - Classes may be combined or split depending on number of entries.

**MINIATURE HORSE CLASSES** [Not eligible for State Horse Show]

| Y - 70 - 1 | Showmanship at Halter – Gr. 3-12 |
| Y - 70 - 2 | In-Hand Trail – Grades 3-12 |

**HORSE TRAINING**

Y-20-1 Horse Training—Steps 1-6; both horse and Achievement Program booklets must be submitted.

**HORSE RELATED**

Judged during non-livestock conference judging - Tues, June 24 2-6 pm

- Y - 40 - 1 Grades 6+
- Y - 40 - 2 Grades 3-5

**Requirement:**

- Must be enrolled in the Horse project to exhibit in this division  
- Exhibits may be a model, poster, scrapbook, essay, and/or article. The exhibit should show or explain something the 4-H member has made, done, or learned in the project.  
- Exhibits are conference judged with the exhibitor present.

**HORSELESS HORSE**

Judged during non-livestock conference judging - Tues, June 24 2-6 pm

| Y - 50 - 1 | Grades 6+ |
| Y - 50 - 2 | Grades 3-5 |

**Requirement:**

- Exhibits may be a model, poster, scrapbook, essay, and/or article. The exhibit should show or explain something the 4-H member has made, done, or learned in the project.  
- Exhibits are conference judged with the exhibitor present.

**LAMA**

E - 1 - All Grades  

Use the following Classes, with the Divisions above

- 2 Showmanship (Required)  
- 5 Obstacle Course/ Public Relations  
- 6 Poster (Judged during non-livestock conference judging - Tues, June 23 2-6 pm)

For exhibition only. To qualify for State Fair must compete in neighboring county as arranged by 4-H Program Coordinator.  

**Birthdates**

4-H Lama Projects must be born prior to January 1, 2013.  

**Gender:**

No sexually intact male above 18 months is eligible for exhibition.  
All castrated males born prior to Jan 1, 2013 are eligible for exhibition.  
All females born prior to Jan 1, 2013 are eligible for exhibition.

**POULTRY**

**CHICKENS**

- F - 1 - 1* Market pen of two males or two females  
- F - 1 - 2* Breeding pen of one male & two females  
- F - 1 - 3* Bantam Breeding pen of one male & two females  
- F - 1 - 4* Egg production pen of two pullets, White egg layers  
- F - 1 - 5* Egg production pen of two pullets, Brown egg layers

*For exhibition only. To qualify for State Fair must compete in neighboring county as arranged by 4-H Program Coordinator.
DOVES
F - 2 -1* Purebred breeding pair

DUCKS
F - 3 - 1* Market pen of two males or two females
F - 3 - 2* Breeding pen of one male & two females
F - 3 - 3* Bantam Breeding pen of one male & two females

GEESE
F - 4 - 1* Market pen of two males or two females
F - 4 - 2* Breeding pen of one male & two females

GUINEA
Use the following Classes, with the Divisions to indicate the type of your project animal(s). Note: ONLY Pearls, Whites and Lavender breeds can be shown:
F - 5 - 1* Market pen of two males or two females – same breed
F - 5 - 2* Breeding pen of one male & two females, same breed

PIGEONS
F - 6 - 1* Utility, 1 Breeding Pair
F - 6 - 2* Utility, 1 Young bird Male or Female, 1 young bird, this year band
F - 6 - 3* Fancy, 1 Breeding Pair
F - 6 - 4* Fancy, Young bird Male or Female, 1 young bird, this year band
F - 6 - 5* Flying, 1 Breeding Pair
F - 6 - 6* Flying, Young bird Male or Female, 1 young bird, this year band

TURKEYS - Domestic only
F - 7 - 1* Market pen of two males or two females
F - 7 - 2* Breeding pen of one male & two females

Requirements:
- Egg production pen of two pullets will have two separate lots – one for white egg layers and one for brown egg layers. White egg layers must be hybrid. Brown egg layers must be commercial purebred or hybrid; hybrids are preferred.
- Poultry exhibited must be of this year's hatch, (except advanced classes). All, except waterfowl and pigeons, must have health certificate and must be identified by a numbered leg band.
- Breeding classes will be judged on breed characteristics using the American Standard of Perfection as a guide.

POULTRY SHOWMANSHIP
F - 60- 1 Grades 9+
F - 60- 2 Grades 6-8
F - 60- 3 Grades 3-5

All showmanship exhibitors must use their own animal for showmanship. By "own animal" we mean an animal the exhibitor has shown previously during this show.

POULTRY POSTER
Judged during non-livestock conference judging - Tues, June 23 2-6 pm
F - 8 - 1 Grades 9+
F - 8 - 2 Grades 6-8
F - 8 - 3 Grades 3-5

RABBITS

4 CLASS - SMALL BREEDS
G - 1 - 1* Senior Buck over 6 months of age
G - 1 - 2* Senior Doe over 6 months of age
G - 1 - 3* Junior Buck under 6 months of age
G - 1 - 4* Junior Doe under 6 months of age

4 Class (small) rabbit breeds include Dutch, Florida White, Holland Lop, Jersey Wooly, Mini Lop, Mini Rex, Netherland Dwarf, Polish, Rex, American Fuzzy Lop, American Sable, Dwarf Hotot, English Angora, French Angora, Satin Angora, Belgian Hare, Britannia Petite, Standard Chinchilla, English Spot, Harlequin, Havana, Himalayan, Lilac, Rhinelander, Silver, Silver Marten, Thrianta and Tan.

6 CLASS - LARGE BREEDS
G - 2 - 1* Senior Buck over 8 months of age
G - 2 - 2* Senior Doe over 8 months of age
G - 2 - 3* Intermediate Buck 6-8 months of age
G - 2 - 4* Intermediate Doe 6-8 months of age
G - 2 - 5* Junior Buck under 6 months of age
G - 2 - 6* Junior Doe under 6 months of age

6 Class (large) rabbit breeds include New Zealand, Satin, American Giant Angora, Bevern, Californian, Champagne Dargent, Checkered Giant, American Chinchilla, Giant Chinchilla, Cinnamon, Crème Dargent, Flemish Giant, French Lop, Hotot, English Lop, Palomino and Silver Fox.

Requirements:
- All breeds recognized by the American Rabbit Breeders Association are eligible. Rabbits will be judged according to ARBA standards.
- Each rabbit must be permanently tattooed in the left ear for identification purposes.

MARKET RABBIT
G - 3 - 1* Single fryer, 3 to 5 pounds, not over 70 days old
G - 3 - 2* Pen of three fryers, 3 to 5 pounds, not over 70 days old
CROSSBRED RABBIT
All rabbits that do not fit a breed standard will be considered a crossbred. [NO State Fair trips are available for crossbred breeding rabbits.]
G - 70 - 1 - Senior Buck, over 8 months of age
G - 70 - 2 - Senior Doe, over 8 months of age
G - 70 - 3 - Intermediate Buck, 6 to 8 months of age
G - 70 - 4 - Intermediate Doe, 6 to 8 months of age
G - 70 - 5 - Junior Buck, under 6 months of age
G - 70 - 6 - Junior Doe, under 6 months of age

RABBIT SHOWMANSHIP
G - 60 - 1 Grades 9+
G - 60 - 2 Grades 6-8
G - 60 - 3 Grades 3-5
All showmanship exhibitors must use their own animal for showmanship. By "own animal" we mean an animal the exhibitor has shown previously during this show.

RABBIT POSTER
Judged during non-livestock conference judging - Tues, June 23 2-6 pm
G - 4 - 1 Grades 9+
G - 4 - 2 Grades 6-8
G - 4 - 3 Grades 3-5

SHEEP

BIRTH DATES:
| January Ewe Lamb | Born in January of current Year |
| February Ewe Lamb | Born in February of current Year |
| March Ewe Lamb | Born in March of current Year |
| Yearling Ewe | Born on or after January 1 of previous year and must not show evidence of four permanent incisors. |
| Market Lamb | Born on or after January 1 of current year |

BREEDING EWE

- H – 1 Registered Ewe—All Breeds
- H - 2 Commercial Ewes

Use the following Classes, with the Divisions (breeds) and birth dates above, to indicate the age of your project animal(s):
- 1* Ewe Lamb born on or after January 1 of current year
- 2* Yearling Ewe

MARKET LAMB

- H – 20 - 1* Market Lamb

Requirements:
- Recommended minimum weight for State Fair is 105 pounds; required maximum weight is 170 pounds. Market animals exceeding the maximum weight will not be eligible for State fair.

LAMB LEAD
- H – 30 - 1 Grades 9+
- H – 30 - 2 Grades 6-8
- H – 30 - 3 Grades 3-5

Requirements:
- Lamb lead exhibitors must groom and train a sheep and must wear a garment made from at least 60% wool. Garment is defined as a piece of clothing covering a main part of your body (not socks or accessories).
- Classes may be combined depending on number of entrants

FLEECE

- H – 40 - 1* Fleece

Requirements:
- All 4-Hers receiving a blue ribbon on their fleece may exhibit at the State Fair; no housing will be provided!

SHEEP SHOWMANSHIP

- H - 60 - 1 Grades 9+
- H - 60 - 2 Grades 6-8
- H - 60 - 3 Grades 3-5

All showmanship exhibitors must use their own animal for showmanship. By "own animal" we mean an animal the exhibitor has shown previously during this show.

SWINE

BIRTH DATES:

| Gilt | Born in current year |
| Market Gilt | Born on or after January 1 of current year. Recommended farrow date of Feb. 1 or after |
| Market Barrow | Born on or after January 1 of current year. Recommended farrow date of February 1 or after |

BREEDING GILTS

- I – 1 Registered—All breeds
- I - 2 Commercial

Use the following Classes, with the Divisions (breeds) and birth dates above, to indicate the age of your project animal(s):
- 1* Gilt born on or after January 1 of current year
MARKET BARROW
I – 20 - 1* Commercial Market Barrow
I – 20 -2* Reg. Market Barrow

MARKET GILT
I – 30 - 1* Market Gilt

Requirements:
- Recommended minimum weight for State Fair is 220 pounds; maximum State Fair weight is 300. Market animals exceeding the maximum weight will not be eligible for State Fair.

SWINE SHOWMANSHIP
I -60 - 1 Grades 9+
I -60 - 2 Grades 6-8
I -60 - 3 Grades 3-5

All showmanship exhibitors must use their own animal for showmanship. By “own animal” we mean an animal the exhibitor has shown previously during this show.