

GENERAL 4-H PROJECTS

Please note: In the non-livestock projects, you may bring up to 3 items per lot code. Example of a lot code number is: S – 20 – 1. You must record the same lot code number for EACH item you bring. Example: 4-Her is in 6th grade and will be bringing 3 Aerospace projects, on the registration form you will write down Lot Code #P-10-2 three times.

✿ 4-H AFTERSCHOOL ADVENTURES

S - 20 - 1*	Grades 9+*
S - 20 - 2*	Grades 6-8*
S - 20 - 3	Grades 3-5
S - 20 - 4	Grades K-2

Requirements:

- This exhibit area is for youth who are not enrolled in a Community 4-H Club program but have participated in a University of Minnesota Extension learning activity, such as 4-H After-School Adventures.

✿ AEROSPACE

P - 10 - 1*	Grade 9+
P - 10 - 2*	Grade 6-8
P - 10 - 3	Grade 3-5

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
P - 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

Requirements:

- May bring cat to Pets & Cat Judge opening day of fair along with exhibit. Cat does not stay at the County Fair.
- Cat must have current rabies vaccination certificate indicating they have been vaccinated.
- Be prepared to answer questions about your cat and its care.

Exhibit Suggestions:

- Educational exhibits may include models, diagrams or pictures.
- To be eligible for State Fair, member 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 should 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.
- Original book, story, poem, song, play, cookbook, audio or video tape and narrative, activity book, safety manual for children, file about children and/or families.
- 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

Requirements:

- **Clothing Day will be Tuesday, July 13th, Location to be determined. All Clothing members will receive a separate mailing in late June with all the details.**

- Each garment must include an information tag listing: pattern company name and number, fiber content of fabric and care instructions, member name and club.

P - 60 - 1*	Grades 9+ - 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 - 16	Grades 9+ - Recycled Clothing
P - 60 - 17	Grades 6-8 - Recycled Clothing
P - 60 - 18	Grades 3-5 - Recycled Clothing
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
P - 60 - 19	Grades 9+ - Fashion Revue (Recycled)
P - 60 - 20	Grades 6-8 - Fashion Revue (Recycled)
P - 60 - 21	Grades 3-5 - Fashion Revue (Recycled)

Non-wearable items are to be brought to Clothing Day. Example projects such as tie pillows & pillowcase, tote bag, chef's apron, purse, tie blankets, totes, hats, are examples of items to bring Clothing Day. **The only non-wearable item that should NOT be brought to Clothing Day is quilts. See Quilting section.**

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:

- Colored photo of member wearing the garment. Label photo with name, county, and color of complexion, hair and eyes.
 - 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.
- Participants Clothing Day are to participate in the evening's Fashion Show.

☀ CLOVERBUDS

4-H Cloverbuds (Kindergarten through 2nd grade) may enter any of the following classes. It is recommended that they not exhibit more than 3 projects total. Cloverbuds will be paid premium for three exhibits maximum (not counting demonstrations).

Premiums and a special /Cloverbud ribbon will be awarded. Projects will not be ranked blue, red, white. Our goal is to keep the experience as non-competitive as possible for these younger members.

In Livestock projects 4-H'ers are limited to one animal per specie; and in the dairy project they may exhibit only a beginner calf (born after March 1st). **A parent(s) or older 4-H'er (who has completed 6th grade) is required to lead the animal and be in control of animal while Cloverbud is in show ring.** Cloverbuds will not be eligible for 4-H Auction.

J-1-1 Non-animal project : an item, article, drawing, display or scrapbook illustrating work done in project of your choice. Some ideas include: 3 cut flowers in a vase, a potted plant, vegetable creature, a nutritious food snack, paper bag puppet, 4 interesting objects of nature, tree leaf collection, display of insects, simple craft item, or anything else you can think of.

J-1-2 Non-animal project 2 (same as above)

J-1-3 Non-animal project 3 (same as above)

K-1-9 Demonstration/Food Revue – to be given on Demonstration Day – July 15 at the Pioneer Retirement Community, Fergus Falls

P-2-16 Clothing Entry –Constructed garment or item - to be entered on Clothing Day (July 13) prior to County Fair. ***(includes Fashion Revue participation)***

P-2-17 Clothing Entry -Purchased - to be entered on Clothing Day (July 13) prior to County Fair.

(includes Fashion Revue participation)

B-1-30 Dairy Calf - born after March 1

Z-1-6 Dog Show - **Cloverbud show is at start of Dog Show, Sunday, July 25th, 1:00 p.m. Must have participated in dog training.**

C-1-8 Goat - any age

H-1-8 Swine - barrow or market gilt born February 1 of current year or later; or gilt born January 1, of current year or later

G-1-9 Sheep - wether or ewe lamb born after January 1

F-1-10 Rabbit - any breed or class

D-1-11 Poultry - 1 pen of ducks, chickens, etc.

Y-1-12 Horse – bring horse day of show only. **Cloverbud Horse Show: Saturday, July 24, 10:00 a.m.**

J-1-13 Pets (this includes dog, cat, etc.) Brought to fair entry day only.

A-1-14 Beef-Calf, born after March 1st

No State Fair trips in this division.

Requirement:

- Cloverbud members have completed Kindergarten – 2nd grade.

🌿 CLOWNING

P - 70 - 1* Grade 9+

P - 70 - 2* Grade 6-8

P - 70 - 3 Grade 3-5

Requirement:

- At State Fair clowning exhibitor will participate in complete character at conference judging.

Exhibit Suggestions:

- Homemade prop with written explanation describing how you made it, how you use it, the audience reaction, and any other information you feel is important. Include pictures showing how you use your prop.

- Scrapbook, journal or poster of your clowning experiences. Include a written statement about what you have gained from your clowning experiences.

- Educational display on a topic. Suggestions include: types of clowns, history of clowning, developing a prop, putting on a face, developing a character and a clown kit (make-up, costume, wig, props, etc.).

- Poster on your personal clowning experiences which could include teaching others, leadership skills, interacting with others, etc.

- Costume/make-up application including your costume, a written description, and picture of you as the complete character.

🌿 CLUB BANNER

T - 1 - 1* Club Banner

Two banners will 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.
5. Club name on 3 x 5 card pinned to back. (Any assembly technique can be used.)

🌿 CLUB Booth

T - 1 - 3 Club Booth

Booth size is eight feet (8') wide, four feet (4') deep and six feet (6') high.

Requirement:

-the booth should depict an area of work or program of current emphasis. No State Fair trip.

🌿 CLUB PLANTER

T - 1 - 5 Club Planter

1. Focus on 4-H Project Theme (obvious one being Flower Gardening, or Entomology, Shooting Sports, Livestock, etc., etc)
2. Club is responsible to water planter during County Fair.
3. Planter remains at Fairgrounds, the 5 days of County Fair only.
4. Planter must be removed by 8:00 p.m. July 24th.
5. No size limitations.
6. Include weather-proof club identification.
7. Check in at Entry table in Satellite building for unloading instructions.

One exhibit per club. No State Fair trip offered.

🌿 CLUB SCRAPBOOK (Historian Book)

T - 1 - 4 Club Scrapbook

Requirement:

-show and explain your club activities and participation in community/club events.

- no State Fair trip offered.

🌿 COMMUNITY PRIDE - Club

T - 1 - 2* Community Pride

One exhibit will be selected for State Fair.

Requirements:

1. The exhibit may include a three-dimensional 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. One or two club youth who participated in the project may represent the club in conference judging.

For State Fair only: If your club's Community Pride is selected for State Fair, the two youth selected from your club are not eligible to compete in another non-livestock premium-based project.

✿ 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.

Please note: In the non-livestock projects, you may bring up to 3 items per lot code. You must record the same lot code number for EACH item you bring. Example: 4-Her is in 6th grade and will be bringing 3 Aerospace projects, on the registration form you will write down Lot Code #0-1-2 three times.

✿ CRAFTS & FINE ARTS

Requirement:

- Members enrolled in Creative Arts may exhibit in both Fine Arts and Crafts.
- Emphasis is on the creative process and the employment of design elements and principles. The original art object should

demonstrate exploration with materials, tools, and/or practiced skills, which will be described by the exhibitor.

- Exhibits must be appropriately finished.
- Project exhibits must be ready for display.

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 (at State Fair) 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 (at State Fair) 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 previous growing season.
- Include 3 x 5 index card listing the variety.

Exhibit Suggestions:

- Bring 2 quarts of shelled corn (no ear corn) in plastic container or zip-lock bag and sample will be transferred to show box.
- 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.
- 10 ears field corn – not eligible for State Fair
- field corn (5 stalks) – not eligible for State Fair

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 plastic container or zip-lock bag and sample will be transferred to show box.
- 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.

Special Corn & Soybean Awards

The Otter Tail/Grant County Corn and Soybean Growers Association is sponsoring some special awards for members exhibiting at the county fair in the corn and soybean projects. There will be a cash award of \$40.00 given to the best 2 qt. sample of (2009) corn and best 2 qt (2009) soybeans.

A \$40 cash award will also be given to the best ten ears field corn.

Sponsored by the Otter Tail/Grant County Corn & Soybean Growers Association.

❁ 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

May use computer software (i.e. MS PowerPoint) for Demonstrations/Illustrated Presentation. The software should supplement the Demonstration, with the hands-on demonstrating still being the basis of the entry. All computer equipment must be provided by 4-H'er.

There is a separate trip to State Fair in Livestock Demonstrations held during Livestock Weekend. Consult your local 4-H staff for details and start planning your livestock demo today!

❁ YOUTH IN ACTION DEMONSTRATIONS

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

❁ 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

Livestock Demonstrations will given at the regular Demo/Food Revue Day, Thursday, July 15th, at Pioneer Retirement Community, Fergus Falls – 1006 S Sheridan Ave. Animal is NOT mandatory at the County Demonstration. Animal is required at State Fair, if you win the trip in your specie Livestock Demonstration.

Requirements:

- **Demonstration Day will be July 15th, at Pioneer Retirement Community, Fergus Falls. Contact the Extension Office for further details. For all 4-H'ers who sign up for Demonstrations, will receive a mailing prior to the event.**
- **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-H'er 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.
- **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.

❁ DOG

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

Exhibit Suggestions:

- Cannot bring same dog to Pets Judge and be in the Dog Show.
- Educational exhibits may include models, diagrams or pictures.
- May bring dog to the Pets Judge along with exhibit. Must have proof of current vaccinations.
- 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.

✿ 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" (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.
- 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, FO-6892.

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, world wide web, 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.

Exhibit Suggestions:

1. General Insect Collection: 25 specimens for 3rd – 5th graders and for 6th and above must consist of a minimum of 50 species of adult insects representing at least 8 orders.
2. Specialty insect collection can include but is not limited to a collection of a single order (e.g. Coleoptera or Lepidoptera), a collection of immature insects, a collection of insects from a particular habitat (e.g. aquatic, forest, or prairie) or a collection of economic pests of a specific crop (e.g. insects attacking corn).
3. Non-Collection Project can include but is not limited to life history displays (e.g. insect life cycle), scientific investigation (e.g. insect habitats or effects of environment factors on insects), or insects in current events.

✿ 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-H'ers who wish to learn more about a given animal specie. **Animal ownership is not required.**
- 4-H'ers enrolled in Exploring Animals, Beef, Dairy, Dairy Goat, Poultry, Rabbit, Sheep or Swine may exhibit in this category.

Exhibit Suggestions:

- An educational exhibit to show or explain something 4-H'er made, did or learned or may explore consumer issues, breeds or careers.

✿ EXPLORING THE ENVIRONMENT

- P - 160 - 1* Grade 9+
 P - 160 - 2* Grade 6-8
 P - 160 - 3 Grade 3-5

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

- P - 170 - 1* Grade 9+
 P - 170 - 2* Grade 6-8
 P - 170 - 3 Grade 3-5

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

- P - 180 - 1*** Grade 9+
P - 180 - 2* Grade 6-8
P - 180 - 3 Grade 3-5

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. If not, adaptation such as photographs in place of live material may be made.

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

- P - 190 - 1*** Grade 9+
P - 190 - 2* Grade 6-8
P - 190 - 3 Grade 3-5

Requirements:

- Select foods that are nutritious.
- Honey Baking is incorporated in the general Foods category.
- One serving of a food (vegetable or fruit dish, snack, bread, dairy, etc.). Include 8½ x 11 poster showing nutritional value, recipe, and a photo of the food.
- 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 as 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 Food Guide Pyramid.
- 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 how physical fitness and/or food choices are related to disease (ex.: 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

- P - 190 - 4*** Grade 9+
P - 190 - 5* Grade 6-8
P - 190 - 6 Grade 3-5

Requirements:

- Exhibitor must be enrolled in Food & Nutrition project.
- All recipes, procedures, and times followed must be according to current USDA and/or National Center for Home Food Preservation recommendation.
- Containers should be labeled with a 2" x 3" label with the following information: name, county, product, processing time and method, and date product was packed.
- Jars should be heat-tempered glass canning jars.
- All jars should be sealed. Leave screw bands on two piece jar lids. Jellies and jams should be covered with lids.
- Use pint jars for fruit, vegetables, and fish; one-half pint jars for jams and jellies; one quart jars for pickled products.
- Jellies and jams must be processed in boiling water bath according to USDA and/or University of Minnesota food preservation publications, available through the Extension Office. Note: Paraffin is not acceptable.
- No artificial food coloring should be added to entries.
- Dried foods may be stored in glass jars, self-sealing plastic bags or airtight plastic bags. The quantity of dried foods should be: fruits and vegetables - 1/2 cup or more of each, herbs - 1/4 cup of each in whole leaf form, 3 strips of meat (i.e. venison or beef jerky).
- Preserved within the past year.

Exhibit suggestions:

- Suggested exhibits include one (1) jar or one (1) bag of product:**
- **Vegetables or fruits**
 - **Jams, jellies, preserves, low-sugar spreads (no frozen)**

- Pickled products (fermented or added acid, including pickles, sauerkraut, relishes, salsa).
- Meats, poultry and/or fish. (Fish must be in pint jars.)
- Dried vegetables or dried fruits.
- Dried herbs.
- Beef or venison jerky.
- Food science experiment or educational display.

- Include a 3 x 5 index card listing the varieties of fruit, name and club of exhibitor.
- Exhibitor should bring 6 items of one variety of fruit.

FOOD REVIEW (judged prior to county fair)

- P - 190 - 7* Grade 9+
- P - 190 - 8* Grade 6-8
- P - 190 - 9 Grade 3-5

Exhibit suggestions:

- Food Review will be judged along with Demonstrations on Thursday, July 15th, at the Pioneer Pointe, 411 East Everett, Fergus Falls.
- Bring only one main food item, along with display which includes place setting.
- Bring photo, menu, recipe to fair for display only
- Contact Extension office for Food Review details.

FOREST RESOURCES

- P - 200 - 1* Grade 9+
- P - 200 - 2* Grade 6-8
- P - 200 - 3 Grade 3-5

Requirement:

- Exhibits should be mounted on cardboard or other sturdy material.

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

- R - 210 - 1* Grade 9+
- R - 210 - 2* Grade 6-8
- R - 210 - 3 Grade 3-5

Requirements:

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.

GEOLOGY

- P - 220 - 1* Grade 9+
- P - 220 - 2* Grade 6-8
- P - 220 - 3 Grade 3-5

Requirement:

- 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 needed. Attach specimens so they will not fall if case is set on its edge. Member must have a knowledge of how specimens are identified as to rock or fossil type.

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.

GEOSPATIAL

- P - 230 - 1 Grade 9+
- P - 230 - 2 Grade 6-8
- P - 230 - 3 Grade 3-5

Requirements:

- Exhibits must be labeled with name and county on all pieces of the exhibit. The Fair staff will not be responsible for lost, stolen or damaged exhibits.
- Exhibits may include a poster, display or booklet. 4-H'ers may additionally share their project work through a computer based presentation. Exhibitors will need to bring the appropriate software and presentation data.
- Exhibits will be conference judged.
- Exhibits may include community maps, comparison of GPS units, ways in which GIS and GPS programs are used, and reviews of software and resources available.

NOTE: Geographic Information System and Global Positioning System (GIS/GPS) programs allow 4-H members to explore

science, engineering and technology and combine to form the content for the Geospatial project area. Appropriate work in this area can include investigations into the history of GIS and/or GPS, current uses, equipment and software and more. Development of GIS maps that incorporate waypoints and trails created through GPS are encouraged.

✿ GLOBAL CONNECTIONS

- P - 240 - 1*** Grade 9+
- P - 240 - 2*** Grade 6-8
- P - 240 - 3** Grade 3-5

Exhibit Suggestions:

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

✿ HEALTH

- P - 250 - 1*** Grade 9+
- P - 250 - 2*** Grade 6-8
- P - 250 - 3** Grade 3-5

Exhibit Suggestions:

- Report on a health issue (i.e. alcohol and chemical abuse, eating disorders, sexuality, sexually transmitted disease, pregnancy, stress, depression, etc..) 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

- P - 260 - 1*** Grade 9+
- P - 260 - 2*** Grade 6-8
- P - 260 - 3** Grade 3-5

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
- 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 may not be used.

Exhibit Suggestions:

- 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.

✿ INDOOR GARDENING

- P - 270 - 1*** Grade 9+
- P - 270 - 2*** Grade 6-8
- P - 270 - 3** Grade 3-5

Requirements:

POTTED PLANTS:

- Flowering plants should be in bloom.
- Foliage plants should be in vigorous condition.
- Plants should be grown in the exhibited container for at least one month prior to fair.

PLANTS IN HANGING CONTAINERS:

- Container for the plant should not be more than 10" in depth or diameter.
- Maximum total length of hanger and plant should not exceed 4'
- Evaluation will include appropriateness of plant for a hanging container, condition, arrangement, hanger to container to plant relationship, and plants being well established.

TERRARIUMS:

- The terrarium may not exceed 24" in any dimension.
- Terrarium should be planted four to six weeks ahead of exhibiting.
- Members must be able to identify all plant materials in their terrariums, know why they were selected for use (quality, container and design).

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.
- If item is framed, a wall hanging, or to be displayed on a wall, it should be finished and ready to hang.
- Participant encouraged to bring instructions/pattern.

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 Performing Arts (all ages)

P – 300 – 2 Performing Arts (2nd performance)

Performing Arts was judged at the Share the Fun contest, March 21st. A winner has been selected and will be representing West Otter Tail Co at State Fair. There will be no judging of Performing Arts at County Fair. Performing Arts participants receive a premium.

✿ PETS

P - 310 - 1* Grade 9+

P - 310 - 2* Grade 6-8

P - 310 - 3 Grade 3-5

Requirements:

- **PET MUST BE DOMESTICATED**
- Bring pet to Pets Judge on entry day only – pet does not stay. It is also **OPTIONAL** to bring pet to County Fair.
- Animals that were raised as a part of another project may not be shown in the pet project.

Exhibit Suggestions:

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

Please note: In the non-livestock projects, you may bring up to 3 items per lot code. You must record the same lot code number for EACH item you bring. Example: 4-Her is in 6th grade and will be bringing 3 Photography projects, on the registration form you will write down Lot Code # P-320-2 three times.

✿ PHOTOGRAPHY

PHOTOGRAPHY – BOTH CONVENTIONAL & DIGITAL

P - 320 - 1* Grade 9+

P - 320 - 2* Grade 6-8

P - 320 - 3 Grade 3-5

Requirements:

- **All photos exhibited must have been taken/produced by the exhibitor during the current project year.**

- Bring photography exhibit in large ziplock bag.
- **Photos should be mounted on mat board or posterboard; suitably sized for the number of photos being used. Do not use frames or glass.**

- Enlargements may range in size from 5 x 7" to 11 x 14" and should be mounted with appropriate size neutral matting.

NOTE: Digital photography exhibits are any exhibits taken with a digital camera OR any photo not taken with a digital camera, but digitally enhanced in any way.

Exhibit Suggestions:

- A photo story of 5 to 7 (3 1/2 x 5 or 4 x 6) photos.
- Photos without additional decorations are preferable.
- Four to six with a common theme or subject (e.g. seasons, action photos, close-ups of people, "best" etc.).
- An enlargement. **Attach original 3 1/2 x 5 or 4 x 6 photo.**
- Slide show with an accompanying written script. Slides should be in plastic slide sheets.
- Exhibit of advanced photo skills such as: photo journalism, portrait, commercial, or close-up photography, advanced darkroom techniques.
- Photos should be mounted on mat board or posterboard; **suitably sized** for the number of photos being used. Do not use frames or glass.
- **Attach original to enhanced photos.**
- **Include original picture(s) on enlargements or digitally enhanced photos.**

Exhibit Suggestions:

- A computer enhanced enlargement.
- A photographic image which has been completely digitally processed
- The Otter Tail County Coalition of Lakes Associations Youth Outreach Committee is recognizing 4-H'ers who take an active part in the study/focus of Water & Wetlands (or any project with that focus). Savings Bonds and premium dollars will be awarded. Project areas which qualify are: Citizenship, Water or Wetlands, Fine Arts & Crafts, Photography, Fishing Sports, Foods, Shooting Sports/Wildlife, Exploring the Environment, Plant & Soil Sciences, Wildlife Biology to name a few. Please call the county Extension Office for further details (998-87670).

✿ PLANT AND SOIL SCIENCE

P - 330 - 1* Grade 9+

P - 330 - 2* Grade 6-8

P - 330 - 3 Grade 3-5

Exhibit Suggestions:

- 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.

✿ POTATOES

- P - 340 - 1* Grade 9+
- P - 340 - 2* Grade 6-8
- P - 340 - 3 Grade 3-5

Requirement:

- Six (6) potatoes (this year's crop) similar in size with variety identified on a 3 x 5 card.
- Cover box with white freezer-type paper

Exhibit Suggestions:

- 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:

- All quilts judged at County Fair. Do not bring Clothing Day.
- 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.

✿ ROBOTICS

- P - 360 - 1* Grade 9+
- P - 360 - 2* Grade 6-8
- P - 360 - 3 Grade 3-5

NOTE: The goal of the 4-H robotics program is for the 4-H member 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 robot, display, diagram or programming, booklet, etc.

✿ 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 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.

✿ SHOP

- P - 400 - 1* Grade 9+
 P - 400 - 2* Grade 6-8
 P - 400 - 3 Grade 3-5

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

- P - 410 - 1* Grade 9+
 P - 410 - 2* Grade 6-8
 P - 410 - 3 Grade 3-5

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

- P - 420 - 1* Grade 9+
 P - 420 - 2* Grade 6-8
 P - 420 - 3 Grade 3-5

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.

There is a State Fair trip in Tractor.

Please note: In the non-livestock projects, you may bring up to 3 items per lot code. You must record the same lot code number for EACH item you bring. Example: 4-Her is in 3rd grade and will be bringing three Vegetable Garden projects, on the registration form you will write down Lot Code # P-430-3 three times.

✿ VEGETABLE GARDENING

- P - 430 - 1* Grade 9+
 P - 430 - 2* Grade 6-8
 P - 430 - 3 Grade 3-5

Requirements:

- Label vegetables with proper variety names.
- Cover box with white freezer-type paper.
- When exhibiting large size vegetables (cabbage, squash, melon, pumpkin, cauliflower, swiss chard, etc.) include one sample; medium size vegetables (tomatoes, onions, peppers, turnips, beets, cucumbers, kohlrabi, carrots, etc.) include 3 samples; small size vegetables (snap beans, lima beans, green beans, green peas, etc.) include 12 samples.
- Do not use potatoes or cherry tomatoes in the exhibit.
- To be considered for State Fair, vegetable exhibits must include six varieties.

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

- P - 440 - 1* Grade 9+
 P - 440 - 2* Grade 6-8
 P - 440 - 3 Grade 3-5

Requirements:

- Exhibit may include models, diagrams, and/or actual articles.

Exhibit Suggestions:

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

✿ VIDEO

- P - 450 - 1* Grade 9+
 P - 450 - 2* Grade 6-8
 P - 450 - 3 Grade 3-5

- All video-based exhibits must be recorded at "SP" (standard speed).
- All videos exhibited (whether on videotape, DVD, computer-based video, or other video format) must have been made by the exhibitor or their video production team in the current project year. The exhibitor must create at least 50 percent of the finished original material; portions from other sources must be documented.
- The member's name, grade, county, club, and the exhibit class and lot should be clearly printed on the exhibit and all the other items required as part of an exhibit.
- A television monitor and a 1/2 inch VHS VCR will be provided for viewing the videotapes during conference judging. If a Computer or other equipment is needed for viewing, additional arrangements need to be made in advance.
- Any 4-H video exhibit which appears to contain copyrighted material will not be publicly displayed unless the exhibitor has written permission from the producer to use the material in the video.

Exhibit suggestions:

- A poster which illustrates how a video camera works, how a VCR works, or how to care for video equipment, illustration of computer video creation, etc.
- A 3-5 minute video which shows your most creatively planned camera work. Include shots showing various techniques.
- A video on a selected subject. Include a short storyboard or outline.
- A video made by using a combination of computer technology and traditional camera created video.

WATER / WETLANDS

- P - 460 - 1* Grade 9+
- P - 460 - 2* Grade 6-8
- P - 460 - 3 Grade 3-5

Exhibit Suggestions:

- For the 2nd year, the Otter Tail County Coalition of Lakes Associations Youth Outreach Committee is recognizing 4-H'ers who take an active part in the study/focus of Water & Wetlands (or any project with that focus). Savings Bonds and additional premium dollars will be awarded through the OTC Coalition of Lakes Associations. Please call the county Extension Office for further details (998-8760).
- Display showing the five unique physical properties of water; the hydrologic or water cycle; the quantities and uses made of water by families, municipalities, industries, animals, and plants;
- Display on water quality or management--pollution, conservation, water quality standards, etc.

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- A written narrative of your leadership role in your club or county including: holding an elected office, committee work, camp counselor, part of event management, project organizer, on-going yearly responsibilities in a planned club program and fund raising, etc.
- A lesson plan for an activity or a project meeting that you have planned and presented. Include teaching outline, objectives, information to be presented, techniques to be used, etc....
- **Display, scrapbook, poster (but not limited to these), that documents you taking charge and leading a service project. Share the steps from beginning to end.**

Guidelines:

Taking charge, leading a service project, and sharing the steps from beginner 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.

WILDLIFE/BIOLOGY

- P - 470 - 1* Grade 9+
- P - 470 - 2* Grade 6-8
- P - 470 - 3 Grade 3-5

Exhibit Suggestions:

- Display showing the life cycle of your favorite wild animal.
- Birdhouse, birdfeeder, or homemade bird book of local birds.
- An animal book of wild animals of Minnesota--describe habitat, food, and shelter needs.
- A wildlife management plan--show practices related to land use and forest management for wildlife.
- Basic concepts of Wildlife Management (waterfowl wingboards, birdhouse trails, game food habits, game animal habitat requirements, history of game management, etc).

YOUTH LEADERSHIP

- P - 480 - 1* Grade 9+
- P - 480 - 2* Grade 6-8
- P - 480 - 3 Grade 3-5

Requirements:

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.

Exhibit Suggestions: