

GENERAL 4-H PROJECTS**✿ AEROSPACE**

May register for up to 4 exhibits in each entry code.

- O - 1 - 1 Grade 9+
- O - 1 - 2 Grade 6-8
- O - 1 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.

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.

✿ AGRONOMY AND PLANT SCIENCE

May register for up to 4 exhibits in each entry code.

- R - 8 - 3 Grade 9+
- R - 8 - 4 Grade 6-8
- R - 8 - 5 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- Plant reproduction, soils, plant growth factors, plant characteristics, growing and using plants, plant growth and food production.
- Corn and Soybeans: Two quart sample of any variety of shelled corn from last years crop year (no ear corn).
- Small grains and legumes: Oats, wheat, barley sample from current or last year's crop
- Science exhibits: enter under plant and soil science.

✿ ANIMAL SCIENCE**CAT**

- L - 1 - 1 Grade 9+
- L - 1 - 2 Grade 6-8
- L - 1 - 3 Grade 3-5

Requirements:

- A cat may be entered in the pet show On Sunday of the fair
- 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 display or poster.

Blue: \$2.00 Red: \$1.75 White: \$1.50

DOG

May register for up to 4 exhibits in each entry code.

- L - 2 - 1 Grade 9+
- L - 2 - 2 Grade 6-8
- L - 2 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- Educational exhibits may include models, diagrams or pictures.
- No live animals

EXPLORING ANIMALS—Beef, Sheep, Swine, Poultry, Rabbit, Goats, Dairy, Horse—does not own the animal

May register for up to 4 exhibits in each entry code.

- L - 4 - 1 Grades 9+
- L - 4 - 2 Grades 6-8
- L - 4 - 3 Grades 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

EXPLORING ANIMALS—Beef, Sheep, Swine, Poultry, Rabbit, Goats, Dairy, Horse—own the animal

May register for up to 4 exhibits in each entry code.

- L - 5 - 1 Grades 9+
- L - 5 - 2 Grades 6-8
- L - 5 - 3 Grades 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- This area is for 4-H'ers who wish to learn more about a given 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 the 4-H'er made, did or learned or may explore consumer issues, breeds or careers.

VET SCIENCE

May register for up to 4 exhibits in each entry code.

- L - 6 - 1 Grade 9+
- L - 6 - 2 Grade 6-8
- L - 6 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

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

✿ BICYCLE

May register for up to 4 exhibits in each entry code.

- O - 2 - 1 Grade 9+
- O - 2 - 2 Grade 6-8
- O - 2 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.

✿ **BLOOPERS**

May register for up to 4 exhibits in each entry code.

- Q - 7 - 15 Grade 9+
- Q - 7 - 16 Grade 6-8
- Q - 7 - 17 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- Each 4-H member can bring one exhibit of something that did not turn out. This could be jelly that did not set, a poster that was damaged, weather damaged flowers, etc. Judges will interview participants asking what happened, what could have been done differently, recommendations for next time, what you learned from the experience, etc. No animals. Cannot be an exhibit already judged in another class. No pre-entry required. Bring on entry day, Wednesday, of the fair.

✿ **CHILD & FAMILY DEVELOPMENT**

May register for up to 4 exhibits in each entry code.

- N - 1 - 1 Grade 9+
- N - 1 - 2 Grade 6-8
- N - 1 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.
- 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**

May register for up to 4 exhibits in each entry code.

- Q - 1 - 1 Grade 9+
- Q - 1 - 2 Grade 6-8
- Q - 1 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- Notebook 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.
- Family history: Poster, or scrapbook of family tree.

✿ **CLOTHING AND TEXTILES**

CLOTHES YOU MAKE

May register for up to 4 exhibits in each entry code.

- N - 2 - 1 Grade 9+
- N - 2 - 2 Grade 6-8
- N - 2 - 3 Grade 3-5

Blue: \$4.00 Red: \$3. White: \$2.00

Requirements:

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

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 YOU BUY

A 4-H member must be in 5th grade or older to enter in the purchased division.

May register for up to 2 exhibits in each entry code.

- N - 2 - 4 Grade 9+
- N - 2 - 5 Grade 6-8
- N - 2 - 6 Grade 5

Blue: \$4.00 Red: \$3. White: \$2.00

Requirements:

- The purchased garment or outfit **must** be accompanied by an 8-1/2"x 11" notebook 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.
- Garments may have been worn before showing but should be cleaned before exhibiting.

Exhibit suggestions:

- A purchased garment that fits into your wardrobe plan.
- A poster showing cost comparisons, wardrobe building, accessorizing, care, etc.

Fashion Review (judged prior to county fair)

May register One exhibit in each entry code.

- N - 2 - 8** Style Show: Constructed
- N - 2 - 9** Style Show: Sewing for Others
- N - 2 - 10** Style Show: Purchased (must have completed 5th grade

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements

- Participants may model any clothing they have constructed, restyled or purchased as a part of their 4-H clothing project. Judging takes place before the fair as announced in the 4-H newsletter. Style Show participants must model their entry in the 4-H Styled Show to be held Friday at 6:30 PM at the County Fairgrounds. Those not present for display or the show will lose premium money and awards. **Cloverbuds are welcome to take part in the Style Show judging and show and will receive Cloverbud ribbons. See the Cloverbud Division for codes and registration information.** Watch for detailed information sheet on the Style Show judging in the 4-H newsletter or call the Extension Office for a copy.

NON-GARMENT

May register for up to 4 exhibits in each entry code.

- N -2-16** Grade 9+
- N - 2 -17** Grade 6-8
- N - 2 -18** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- Doll Clothes
- Pillow, pillowcase, etc.

☘ QUILTING

May register for up to 4 exhibits in each entry code.

- N - 2 -13** Grade 9+
- N - 2 -14** Grade 6-8
- N - 2 -15** Grade 3-5

Blue: \$4.00 Red: \$3.00 White: \$2.00

Exhibit Suggestions:

- A quilted item
- Repair of an old quilt
- A display showing the history of quilting, fabrics and patterns used in quilting, or a topic of your choice.

☘ CLOVERBUDS

This is a special division for those enrolled in 4-H who are in Kindergarten to 3rd grade. 3rd graders that have chosen to enroll in regular 4-H are not eligible for the Cloverbud category. Entries will be conference judged. Exhibits must be able to stay

at the fair. No live animal exhibits except for the Pet Show. Posters may be made for the animal project divisions.

May register for up to 4 exhibits

- J - 1 - 1** All grades of Cloverbuds

May register for one exhibit in each entry code.

- K - 1 - 3** Cloverbud Demonstration - Individual
- L - 3 - 6** Cloverbud Pet Show (Sunday at noon)
- L - 3 - 8** Cloverbud Dress an Animal (Sunday following Pet Show)
- N - 2 - 7** Cloverbud Style Show (Follow Style Show Rules)

All Cloverbud Premiums: \$1.00

No State Fair trips in this division.

☘ CLOWNING

May register for up to 4 exhibits in each entry code.

- M - 1 - 1** Grade 9+
- M - 1 - 2** Grade 6-8
- M - 1 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirement:

- At State Fair clowning exhibitor will participate in complete character immediately following 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.

Blue: \$2.00 Red: \$1.75 White: \$1.50

☘ COMPUTER

May register for up to 4 exhibits in each entry code.

- O - 3 - 1** Grade 9+
- O - 3 - 2** Grade 6-8
- O - 3 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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 computer or 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.

M - 2 - 6 Fine Arts - Grade 3-5*Top Blue: \$2.00 Participation: \$1.50*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 may be original or adapted, by the member, from an existing program.

❁ CONSUMER EDUCATIONMay register for up to 4 exhibits in each entry code.

- N - 10 - 4** Grade 9+
- N - 10 - 5** Grade 6-8
- N - 10 - 6** Grade 3-5

*Blue: \$2.00 Red: \$1.75 White: \$1.50*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.

❁ CREATIVE ARTSRequirement:

- Members enrolled in Creative Arts can exhibit in both Fine Arts and Crafts.
- Craft exhibits should demonstrate ability to follow directions using steps and procedures.
- 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.

❁ CRAFTSMay register for up to 4 exhibits in each entry code.

- M - 2 - 1** Crafts - Grade 9+
- M - 2 - 2** Crafts - Grade 6-8
- M - 2 - 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, etc.

*Top Blue: \$2.00 Participation: \$1.50***❁ FINE ARTS**May register for up to 4 exhibits in each entry code.

- M - 2 - 4** Fine Arts - Grade 9+
- M - 2 - 5** Fine Arts - Grade 6-8

Exhibit Suggestions:

- For a beginner, choose a project that teaches new techniques. For advanced, choose a project requiring mastery.
- Original work in drawing painting, sculpture, print process, textiles, pottery, etc....

❁ ELECTRICMay register for up to 4 exhibits in each entry code.

- O - 4 - 1** Grade 9+
- O - 4 - 2** Grade 6-8
- O - 4 - 3** Grade 3-5

*Blue: \$2.00 Red: \$1.75 White: \$1.50*Requirements:

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

Exhibit Suggestions:

- 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.

❁ ENTOMOLOGYMay register for up to 4 exhibits in each entry code.

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

*Blue: \$2.00 Red: \$1.75 White: \$1.50*Requirements:

- Collections shall be contained in a glass topped case; approximately 19" x 16.5" x 3". Arrange so that the case may be displayed in a horizontal position. Place project label on lower right corner of glass top.
- Specimens must be collected by exhibitor. Purchased insects are not acceptable.
- Specimens must be properly pinned, with insect pins, and labeled. The location, date and collector must be included on the labels. 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. Small insects may need to be placed on cardboard points.
- Specimens in general collections must be correctly identified to order; specimens in specialty collections may need to be identified beyond order to family. Use common names when known.
- General insect collections must consist of at least 50 adult insect specimens, representing at least eight orders to be eligible for state fair.

Exhibit Suggestions:

Blue: \$2.00 Red: \$1.75 White: \$1.50

- General insect collection: 25 specimens for 3rd-5th graders, 50 or more for 6th graders and up.
- A single order collection (i.e. Coleoptera or Lepidoptera), a collection of immature insects, a collection from a particular habitat (i.e. aquatic, forest or prairie) or a collection of economic pests of a specific crop (i.e. insects attacking corn).
- A life history display (e.g. insect life cycle), a scientific investigation (e.g. insect habitats or effects of environment factors on insects), or insects in current events.
- 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.

✿ EXPLORING THE ENVIRONMENT

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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

May register for up to 4 exhibits in each entry code.

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

Requirements:

- Flowers must be exhibited in uniform containers with one cut flower or stem in each container.
- 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:

- One variety of annual flower (three stems); one variety of hardy perennials (one stem).
- One variety of summer flowering bulbs (one stem), collection of three different perennial garden flowers (one stem or stalk of each), collection of four different annual garden flowers (one stem of each), single stem of one of the following: glad spike, rose, or dahlia.
- 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, 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

May register for up to 4 exhibits in each entry code.

N - 5 - 1	Grade 9+
N - 5 - 2	Grade 6-8
N - 5 - 3	Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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 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

May register for up to 4 exhibits in each entry code.

- N - 5 - 4** Grade 9+
- N - 5 - 5** Grade 6-8
- N - 5 - 6** Grade 3-5
- N - 5 - 12** Maple Syrup or Honey

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- Exhibitor must be enrolled in Food & Nutrition project.
- All recipes, procedures, and times followed must be according to current USDA and/or University of Minnesota home food preservation publications (see Extension publication, Safe Home Canning of Fruits, Vegetables and Meats, HE-BU-0516, \$4.00).
- 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, meat - 6 strips.

Exhibit suggestions:

- Include one jar or one bag of product
- Vegetables or fruit
- jams, jellies, preserves, low-sugar spreads (no frozen).
- type of pickled products (fermented or added acid, including pickles, sauerkraut, relishes, salsa).
- meats, poultry or fish. (Fish must be in pint jars.)
- dried vegetable or dried fruits.
- dried herbs.
- beef or venison jerky.
- Food science experiment or educational display.

🌿 FOOD REVIEW

May register for one entry

N - 7 - 4 All grades

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit suggestions:

- May bring food but also bring a photo of the food, menu, recipe to fair. Food will be discarded and photo will be on display.

🌿 DECORATED CAKES

May register for one entry per code

- N - 5 - 7** Cake, decorated by tube frosting method
- N - 5 - 8** Cupcakes, decorated by tube frosting method
- N - 5 - 9** Cake, decorated other than tube method
- N - 5 - 10** Cupcakes, decorated other than tube method
- N - 5 - 11** Cake, novelty shaped



Decorated cake category sponsored by Wilton. Prizes given to best of class (Wilton instructional DVD) and five top winners (Wilton Yearbook of Cake Decorating).

Blue: \$2.00 Red: \$1.75 White: \$1.50

🌿 FOREST RESOURCES

May register for up to 4 exhibits in each entry code.

- P - 4 - 1** Grade 9+
- P - 4 - 2** Grade 6-8
- P - 4 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.

☘ GARDENING/CONTAINER

May register for up to 4 exhibits in each entry code.

R - 10 - 1	Grade 9+
R - 10 - 2	Grade 6-8
R - 10 - 3	Grade 3-5
R - 10 - 4	Club Exhibit

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- Create a window box and/or planter. Criteria: Creativity, design, plant selection. Condition of plant. Knowledge of member. This can be an individual project, club or team.

☘ GEOLOGY

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirement:

- Attach specimens securely to a backboard and display in a glass-topped case of the same model as used by the entomologists. 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 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

S - 7 - 1*	Grade 9+
S - 7 - 2*	Grade 6-8
S - 7 - 3	Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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-Hers 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.

☘ HEALTH

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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

May register for up to 4 exhibits in each entry code.

N - 8 - 1	Grade 9+
N - 8 - 2	Grade 6-8
N - 8 - 3	Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

☘ **LAWN AND LANDSCAPE DESIGN**

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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**

May register for up to 4 exhibits in each entry code.

N - 9 - 1	Grade 9+
N - 9 - 2	Grade 6-8
N - 9 - 3	Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.

Exhibit suggestions:

- Any item made by the member using the techniques of knitting, crocheting, embroidery and crewel, counted cross stitch, needlepoint, hardanger, hand quilting, weaving, applique, latch hook, 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.

☘ **PATRIOTIC THEME EXHIBIT**

May register for up to 4 exhibits in each entry code.

T - 1 - 6	Patriotic themed exhibits, club
T - 1 - 7	Patriotic Themed Exhibits, individual

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- This year we will have a Patriotic theme for the 2010 Chisago County fair. Enter any type of project in this category, just relate it to the theme.

☘ **PERFORMING ARTS**

May register for up to 2 exhibits in each entry code.

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**

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.

- M - 3 - 1** Grade 9+
M - 3 - 2 Grade 6-8
M - 3 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Requirements:

- **Judging will take place on the 4-H stage between 2:00 PM and 4:30 PM on Wednesday.** Other arrangements can be made by calling the extension office.
- 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 selection, planning, and management of a self-directed learning experience.**

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.
- A club skit

☘ PET/CAT SHOW

May register for one exhibit

- L - 3 - 4** Pet Show

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- **PET MUST BE DOMESTICATED -**
- A dog may be shown in the pet show or the dog show, not both.
- Animals that were raised as a part of another project may not be shown in the pet show.

Exhibit Suggestions:

- Educational display explaining pet care, health, nutritional needs, etc...; exhibit must include a photograph of 4-H'er with their pet.

DRESS AN ANIMAL

- L- 3 - 7** Dress an Animal Contest

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

Any 4-H member exhibiting at the county fair can take part in this class. Dress yourself and your animal. Props can be included. Do this as a team or individually. Judges will interview each participant on creativity, promotion of 4-H and the animal, title and theme, 50% on interview and 50% on exhibit. All entries must be positive, not putting any person or thing down and must be safe and fun. Each exhibit should have a theme that can be announced at the show. *Dress an Animal follows the Pet Show at approx. 12:45 PM on Sunday.*

☘ PHOTOGRAPHY

☘ PHOTOGRAPHY - CONVENTIONAL

May register for up to 4 exhibits in each entry code.

- M - 4 - 1** Grade 9+
M - 4 - 2 Grade 6-8
M - 4 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- Photos should be mounted on neutral tone mat board or poster board **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.
- All photos exhibited must have been taken/produced by the exhibitor during the current project year.

Exhibit Suggestions:

- A photo story of 5 to 7 photos.
- Four to six with a common theme or subject (e.g. seasons, action photos, close-ups of people, "best" etc.).
- An enlargement. Attach original 3/12 x 5 or 4 x 6 photo to the back of the mat.
- 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.

☘ PHOTOGRAPHY - DIGITAL

May register for up to 4 exhibits in each entry code.

- M - 4 - 4** Digital - Grade 9+
M - 4 - 5 Digital - Grade 6-8
M - 4 - 6 Digital - Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- Photos should be mounted on neutral tone mat board or poster board; **suitably sized** for the number of photos being used. Do not use frames or glass.
- All photos exhibited must have been taken/produced by the exhibitor during the current project year.
- The exhibitor must provide any specialized presentation equipment (i.e. digital camera, computer, etc) necessary to evaluate the exhibit. The equipment and discs should be brought with the exhibitor to the conference evaluation.
- 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
- 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.

☘ PLANT AND SOIL SCIENCE

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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

May register for up to 4 exhibits in each entry code.

- R - 7 - 1** Grade 9+
R - 7 - 2 Grade 6-8
R - 7 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirement:

- Ten potatoes (this year's crop) with variety identified on a 3 x 5 card.

Exhibit Suggestions:

- Educational display illustrating diseases and control, methods of mulching and reasons, causes and effects of sun scald.

✿ ROBOTICS

- S - 8 - 1** Grade 9+
S - 8 - 2 Grade 6-8
S - 8 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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. You may take a picture of your exhibit and take home the robotic pieces if you choose to do so.
- 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.

✿ SAFETY

May register for up to 4 exhibits in each entry code.

- Q - 5 - 1** Grade 9+
Q - 5 - 2 Grade 6-8
Q - 5 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.

✿ SELF DETERMINED

May register for up to 4 exhibits in each entry code.

- S - 3 - 1** Grade 9+
S - 3 - 2 Grade 6-8
S - 3 - 3 Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

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.
- **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

May register for up to 4 exhibits in each entry code.

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- Exhibit may not exceed 12" deep x 24" wide x 36" high, except that a fire arm, bow and arrow, or taxidermy item may be included in a display and will not be considered in the calculation of dimensions.
- 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.

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).

Decorative Vegetable Display

- A centerpiece of vegetables
- A mini garden planted in a tub, pail, or large planter.
- Vegetable bouquet or arrangement on any theme
- Be creative! Fill a wheelbarrow with vegetables, do a container garden of vegetables, etc.

🌿 SHOP

May register for up to 4 exhibits in each entry code.

- O - 5 - 1** Grade 9+
- O - 5 - 2** Grade 6-8
- O - 5 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- Exhibit must not take up more than 20 square feet of floor space or you must call the extension office to get permission to bring it.
- 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

May register for up to 4 exhibits in each entry code.

- O - 6 - 1** Grade 9+
- O - 6 - 2** Grade 6-8
- O - 6 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- Small engine that has been reconditioned or repaired.
- A device constructed by a member utilizing a small engine.

🌿 TRACTOR

May register for one exhibit in each entry code.

- O - 7 - 1** Grade 9+
- O - 7 - 2** Grade 6-8
- O - 7 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

🌿 VEGETABLE GARDENING

May register for up to 4 exhibits in each entry code.

- R - 9 - 1** Grade 9+
- R - 9 - 2** Grade 6-8
- R - 9 - 3** Grade 3-5
- R - 9 - 4** Decorative Vegetable Display (see description below) not State Fair Eligible

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- Label vegetables with proper variety names.
- 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

🌿 VIDEO

May register for up to 4 exhibits in each entry code.

- M - 5 - 1** Grade 9+
- M - 5 - 2** Grade 6-8
- M - 5 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- All exhibits must be recorded at "SP" (standard speed).
- All videos exhibited must have been made by the exhibitor or their video production team in the current project year. The exhibitor must shoot at least 50 percent of the finished video during the current project year; 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 tape cassette, its cover, and all the other items required as part of an exhibit.
- A monitor and a 1/2 inch VHS VCR will be provided for viewing the videos during conference judging.
- 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.
- 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 videotape made by using a combination of computer technology and traditional video.

🌿 WATER / WETLANDS

May register for up to 4 exhibits in each entry code

- P - 7 - 1** Grade 9+
- P - 7 - 2** Grade 6-8
- P - 7 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Exhibit Suggestions:

- 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.

❁ WILDLIFE/BIOLOGY

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

Blue: \$2.00 Red: \$1.75 White: \$1.50

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

May register for up to 4 exhibits in each entry code.

- Q - 6 - 1** Grade 9+
- Q - 6 - 2** Grade 6-8
- Q - 6 - 3** Grade 3-5

Blue: \$2.00 Red: \$1.75 White: \$1.50

Requirements:

- Youth leader should be prepared to discuss the skills they have discovered, developed and shared with others through their involvement in Youth Leadership. This may happen individually or as a group.

Exhibit Suggestions:

- A written narrative of your leadership role in your club or county including: holding an elected office, committee work, 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.