

4-H DEPARTMENT

GENERAL RULES

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1. All Exhibits, except vegetables and flowers will be checked in on Tuesday, August 5th, 2008 from 1:00 to 7:00 p.m. at the Millard County Fair Building in Delta and from 9:00 a.m. to noon at the Extension Office, 505 Main-upstairs, in Fillmore. Garden exhibits will be accepted on Thursday, August 8th, 2008 between 7:00 and 9:00 a.m.

. An exhibitor's tag must accompany each article entered in the fair. These are handed out at the time of entry.

. The number of general exhibits will be limited to one exhibit per category for a total of 20 exhibit entries. (Contact Extension for the category list) Items must be a 4-H project.

. The number of garden exhibits will be limited to one exhibit per category for a total of 20 exhibit entries. (See guidelines under Gardens for list of categories) Items must be a 4-H project.

2. The following are requirements for 4-H member participation:

. 4-H members must have been in the 3rd grade through the 12th grade on January 1 of the exhibit year.

. 4-H members must be enrolled in the project in which the exhibit is entered.

. Cloverbuds under 8 years of age may enter any of the regular 4-H divisions listed. They may also enter a simpler article than suggested; requiring less skill development. Cloverbud exhibits can not be selected for the state fair.

. 4-Hers must register to become a 4-Her by June 30th in order to enter items in the 4-H department of County Fair. Call the Extension Officer to register.

3. The following are requirements and information for exhibits:

. Posters must be 22" X 28" or smaller.

. Notebook binders must be 2 inches or smaller

. Displays must be 4' x 4' or smaller and be free-standing.

. Collection boxes must be 325 square inches for bottom measurement or smaller and glass covers must open at the top or side of the box; the glass must be secured so that glass will not move when the box is properly displayed at the fair.

. Food items need to be of a quality to keep more than a week without refrigeration. Food exhibits should be cooled and brought on a paper plate and in a ziplock bag.

. Exhibits which are normally hung on the wall must provide some means for attachment to the wall (paintings, sketches framed items, woodworking, wall-hangings, articles using artificial or dried flowers).

. Exhibits must be well made so they are stable enough to be moved.

. Baked products and gardening exhibits will not be returned without prior special arrangements.

4. Exhibit Judging

. Exhibits will be judged on Wednesday, August 6th, 2008. Judging will not be open to the public.

. Judges will place exhibits in 1st and 2nd classifications according to the quality of the product. Blue and red ribbons will be given to indicate the difference in each classification. Every proper entry will receive a ribbon and premium money. Blue ribbons will receive \$3.00, red ribbons and participation ribbons will receive \$2.00. Selected for State Fair Items will receive a purple ribbon -

. Sweepstakes ribbons and prizes will be awarded for the "Best of the Best" 4-H exhibits.

5. Premium Money

. Every proper entry will receive a ribbon and premium money.

. Premium money will be available after 12:00 p.m. on Friday, August 8th, 2008 until the fair closes.

6. Exhibit Check Out

. All exhibits must be checked out of the exhibit building between 5:00 and 6:00 p.m. on Saturday, August 9th. No exhibits will be released before that time!

. Items selected for State Fair will be kept at the Extension Office until the State Fair.

DIVISION A - CITIZENSHIP/CIVIC EDUCATION GUIDELINES - CULTURAL EDUCATION
Poster, notebook or display with an emphasis on its relationship to heritage. The project may focus on a particular time period, a particular place or an individual family or person. An explanation of how the project evolved, how it relates to heritage and how it will be used is required. Suggestions for exhibits include:

- Genealogy report of your family.
- Coloring/activity notebook about an ancestor.
- Family tree - painted, cross-stitched, etc.
- Quilt - may be done as grandmother did - with a quilting bee.
- Notebook of customs or superstitions of the place your ancestors came from.
- Collection of family recipes.
- Original history of an ancestor
- Notebook of quilt designs.
- "This is your life" slide/video presentation.
- Collection of photographs, mounted and identified, depicting your family history.

GUIDELINES - VOLUNTEERISM

Poster, notebook or display of what was learned through the volunteerism project. Include information of planning and organizing the project. Suggestions for exhibits include:

- Report of volunteer impact to community.
- Other volunteer project completed.
- Community Pride Reports.
- Other service learning projects completed.

GUIDELINES - COMMUNITY SERVICE

Poster, notebook or display of what was accomplished through the community service project. Include information on planning and organizing the project, what was accomplished, who was helped, what was achieved. Suggestions for exhibits include:

- Quilts for homeless shelters.
- Fund-raising for charities.
- Food collection for food pantry.
- Other service projects completed.

DIVISION B - COMMUNICATIONS AND EXPRESSIVE ARTS

GUIDELINES - ARTS AND CRAFTS

An item created utilizing one of the following crafts:

1. BEADING - fabric, hair accessory, jewelry or other item.
2. CERAMICS - painted, stained, glazed medium to large figure or group of small figures.
3. PORCELAIN - clothed doll, decorated egg, decorated ornament or other item.
4. FLOWER ARRANGING - hat, fan, broom, basket, wreath or other item decorated with flowers and other materials (natural and/or artificial).
5. LEATHER CRAFT - belt, wallet, purse or other item created using leather.
6. PAPER CRAFT - cards, stationary, origami, calligraphy, paper dolls, or other item created using paper.
7. FABRIC CRAFT - doll, wreath, basket, wall hanging, or other non-clothing item mostly made from fabric.
8. DECORATE YOUR DUDS - jeans, jackets, t-shirts, vests, shorts, or any clothing article (purchased and/or sewn) decorated creatively with paint, applique, lace, buttons, bows or other items, accessories such as hats, shoes and jewelry may be included.
9. STENCILING - fabric, rug, lamp shade, wood or other item decorated with stenciling.
10. PLASTIC CANVAS - decoration, picture frame, basket or other item created with plastic canvas.

11. WOOD CARVING/ENGRAVING - wall hanging, desk organizer, frame or other item.
12. PAINTED WOOD CRAFTS - wall hanging, basket, frame, or other item.
13. WAX CRAFTS - candles or other items made of wax.
14. SCRAP BOOKING - Scrapbook or scrapbook pages.
15. OTHER - any item that does not fit into the above categories.

GUIDELINES - DRAWING, PAINTING, SCULPTURE

Work of art utilizing one of the following:

- DRAWING/SKETCHING - pencil or charcoal, calligraphy.
- PAINTING - oil, water color, acrylic, or tole.
- SCULPTURE - pottery
- OTHER - fine arts not listed above.

GUIDELINES - PHOTOGRAPHY

Suggestions for exhibits include:

1. One photo album page attractively displaying photos taken by you in your project.
2. A photo story. About 5 to 10 black and white or color pictures which depict a simple story.
3. An enlarged 4x6, 5x7 or 8x10 mounted and titled color or black and white photograph, using automatic focus and/or automatic exposure.

a) Landscape/Nature b) Portraits (includes person, pets etc.) c) Still Life

d) Special Effects e) Sports/Action f) Human Interest

DIVISION C - CONSUMER AND FAMILY SCIENCE

GUIDELINES - CHILD DEVELOPMENT, CHILD CARE, BABYSITTING

Any item from the following list. It is suggested that these exhibits be based on the learning experiences in the 4-H Cooperative Curriculum System Publications (4HCCS).

1. Child development exhibits include, but are not limited to:

- Poster or collage of ages and stages of child development.
- Display of age appropriate or safety of toys and games.
- Display of first aid concepts.
- Notebook of healthy snacks for kids.

2. Child Care/Babysitting exhibits include, but are not limited to:

- A toy handmade by the 4-H member.
- A puppet handmade by the 4-H member with an accompanying original story (neatly printed in ink or typed) to be used with puppet, both submitted in a sealed plastic bag.
- An original story with accompanying flannel board characters handmade by the 4-H member (submit the story and characters in a sealed plastic bag, do not include flannel board in exhibit).
- A baby sitter's kit (contained in a suitcase, sturdy box or draw string bag) containing at least eight involvement items for young children, four of which must be handmade by the 4-H member, the remaining may be commercial products.
- A quiet book handmade by the 4-H member with a minimum of 7 different activities for young children to do in a quiet situation, at least two pages must be created by the 4-H member, not copied from a commercial pattern.

GUIDELINES - SEWING CONSTRUCTION

Any item from the following list. These exhibits are based on the learning experiences in the 4-H Cooperative Curriculum System Publications (4HCCS). It may take more than one year to master the skills in this category. -straight stitching, machine hemming, or a casing.

Class 1 Creative Textile Item -includes items such as: pillow case, locker caddy, three corner scarf, pillow, draw string bag, stationary organizer, rag quilt squares, etc.

Class 2 Clothing Item -includes items such as: skirt with casing, shorts with casing, pajama pants

- Sew n item utilizing skills mastered in Level 1A as well as at least one of the following techniques: pockets, curved stitching, grading/trimming, notching/clipping, under stitching, seam finishes, top stitching, interfacing, and facings as well as pressing, using an appropriate fabric for project.

Class 3 Creative Textile Item- includes items such as a chenille pillow, table runner, camp bag, book bag, chef's apron, or book bag with pockets, etc.

Class 4 Clothing Item - pajamas, robe (no collar), skirt with pockets, jumper, vest with pockets (no zipper), shirt with top stitching, blouse with raglan or kimono sleeves

Level 2 - It may take more than three years to master the skills in this category. Youth may exhibit a textile item and a clothing item in this level. - Sew an item utilizing skills mastered in Levels 1A and 1B as well as at least one of the following techniques: using a serger (if available), zippers, set-in or shirt sleeve, darts, buttons/buttonholes, flat-felled seams, and collars, and trying new fabrics.

Class 5 Creative Textile Item--Exhibits may include: backpack, duffel bag, fanny pack, windsock (w/serger) can include embellishments, placemat/napkin with serger finished edge, accent pillow with zipper,

Class 6 Clothing Item--Exhibits may include: skirt with darts/waistband, vest or shirt with zipper, blouse with buttons/buttonholes, vest with collar, non-tailored jacket, dress with zipper

Level 3 - You will spend the rest of your 4-H career in this level mastering and perfecting the skills you learned in Levels 1A, 1B, and 2. Youth in this level may exhibit in all classes between 7 and 20.

Class 7 "Best Dress" Clothing Item- Sew an item utilizing skills mastered in Levels 1A, 1B, and 2 as well as at least one of the following techniques: special seam finishes, constructing bound buttonholes, using linings/underlinings, sewing sheer/velvet/other special fabrics, fitting patterns, and special hemming techniques.

Exhibits may include: Shirt with flat felled seams (mock or regular), dress or skirt, dress pants, embellished item, items constructed from a specialty fabric.

Class 8 Clothing Item with an Original Design- Construct a clothing item with an originally designed feature.

Class 9 Formal & Evening Wear- Sew an item utilizing at least one of the following techniques: lining, underlining, boning, lace, inserts, specialty seam finishes, loop buttonholes, invisible zippers, other techniques to give a designer look.

Class 10 Tailoring - Sew an item utilizing at least one of the following techniques: pre-shrinking and relaxing fibers for cutting and sewing, cutting, shaping, use of lining, bound buttonholes, single or double welt pocket with or without flaps, notched collar and lapel, hem treatments, special seam finishes, use of new sewing notions as related to tailoring techniques.

Class 11 Action Wear (using stretchable fabrics) - swimsuits, leotards, tights, lingerie, biking shorts and shirts.

Class 12 Technology-Item produced using technology. Exhibits may include: item embellished with computerized machine embroidery, apparel designed/ constructed using a computer-generated pattern, printout of a textile design created using technology.

Class 13 Create Your Own Fabric- clothing, home decorations, gifts, wall hangings, accessories, or whatever you choose to make with the fabric you have created.

Class 14 Sewing for Animals- aprons, saddlebags, tool carriers, cloth carriers, garment bags, hat tote, rope and boot bags, hay and feed bags, pads or beds, animal coats, bird cage covers, leg wraps, tail wraps, saddle blankets, chaps, dusters, etc.

Class 15 Soft Sculpture- doll, animal, or other figure utilizing soft sculpture techniques

Class 16 Fleece projects - Any item constructed from fleece. Exhibits may include: mittens, hats, outerwear, blankets, pillows, boas, etc.

Class 17 Service Project Sewing - Articles in this class will be judged on construction techniques. For general service projects, see Class AH or Class AI. May included a variety of textile items as part of a service sewing project, including but not limited to: toys, blankets, caps, mittens, and clothing items. Include a brief description of the service project - this may be done on a 3x5 index card, or of a length no longer than one page, attached to the item(s).

GUIDELINES - QUILTING

An item quilted utilizing one of the following:

1. Tied quilts.
2. Pieced quilts.
3. Machine quilted.
4. Hand quilted.
5. Other - quillow, wall hanging, etc..

GUIDELINES - KNITTING

An item knit utilizing one of the following:

1. Loom knitting.
2. Knit or knit and purl stitch articles such as slippers or hats.
3. Increase, decrease, stockinette or ribbing articles such as cap, slippers or sweater.
4. Pickup stitches and/or buttonholes.
5. Pattern stitch, combination of colors, four needles, combination of knit with fabric, or knitting machine.

GUIDELINES - CROCHET

An item crocheted utilizing one of the following:

6. PHASE I - Single crochet stitch using worsted yarn articles such as pot holder, slippers and pillow tops or combination of fabric with crocheted border.
7. PHASE II - Crochet with increase, decrease in single or double stitch, using worsted yarn articles such as baby booties, afghan and poncho.
8. PHASE III - Crochet with threads and/or fingering-sports or baby yarn articles such as afghan, sweater, gloves and socks.
9. ADVANCED PHASES - Crochet using pattern stitch, combination of colors, combination of crochet with fabric, combination of crochet with embroidery, or combination of crochet with cross-stitch articles such as Afghans, sweaters, baby clothes, bedspreads, tablecloths.

GUIDELINES - NEEDLECRAFT/KNOT TYING

An item made utilizing one of the following:

10. BEGINNING MACRAME - Articles such as necklace, small owl, belt.
11. ADVANCED MACRAME - Articles such as large plant holder, wall hanging, purse.
12. EMBROIDERY AND APPLIQUE - Items made with: a. Black Work b. Japanese c. Bunka d. Machine e. Huck f. Candlewicking g. Open work/Cut work h. Applique i. Smocking j. Chicken Scratch k. Crewel l. Cross stitch m. Hardanger n. Counted cross stitch o. other
13. LACEWORK - Items made with: a. Needlelace b. Lace Weaves c. Tatting d. Hairpin Lace e. Filet Netting f. Bobbin Lace g. other
14. NEEDLEPOINT AND LATCH HOOK - Items made with: a. Petit Point b. Latch Hook c. Bargello d. General Needlepoint e. Other

GUIDELINES - HOME ENVIRONMENT

Suggestions for possible displays:

1. Organizational concepts of a bulletin or display board, hanging pocket, an organized kit - i.e., car cleaning, house cleaning, sewing.
2. Room decor - wall hangings, desk organizers with at least four matching containers or items which can include boxes, canisters, ink blotter, bookends, wastebaskets, etc., lamp for studying, bulletin board, coiled storage basket, wall organizer, quilted book cover, pillows, etc..
3. Furniture - finished or refinished, upholstered or reupholstered.
4. Poster or notebook of concepts learned or display of room floor plan and colors selected.

DIVISION D - ENVIRONMENTAL EDUCATION AND EARTH SCIENCES

GUIDELINES - EARTH, WATER, and AIR

Poster, notebook or display of what was learned through the earth, water and air projects.

Suggestions:

- Report of geological formations found in Utah.
- Comparison of minerals found in Utah and throughout the U.S.
- Collection of rocks and minerals.

- Report of weather patterns.
- Display of soils found in Utah.

GUIDELINES - FORESTRY

Poster, notebook or display of what was learned through the forestry project. Suggestions for exhibits include:

1. 1st Year - Leaves from 15 important trees (shade or wood products) in your vicinity. Mount, identify and display each species properly.
2. 2nd Year - Wood samples from 10 trees that commonly are used for wood products. Mount, identify and display each sample properly.
3. 3rd Year - Advanced - Illustration of the multiple-use forest management practices.

GUIDELINES - RANGE MANAGEMENT

Poster, notebook or display of what was learned through the range management project.

Suggestions for exhibits include:

4. 1st Year - Stems, leaves and flowers from each of the four important range plant groups.
5. 2nd Year - 30 important range plants, including 10 shrubs, 10 forbes, and 10 grass and grass-like plants properly mounted and labeled.
6. 3rd Year - Grass board exhibit with one inch sheaves of range plants (with roots) used in range improvements in Utah.

GUIDELINES - WILDLIFE AND FISHERIES

Poster, notebook or display of what was learned through the wildlife and fisheries projects.

Suggestions for exhibits include:

- Collection of hand made fly ties.
- Report of concepts learned in 4-H wildlife projects.
- Report of Wildlife Habitat Evaluation program.
- Report of pheasant raising project, etc.

DIVISION E - HEALTHY LIFESTYLE EDUCATION

GUIDELINES - FOOD PRESERVATION

General Foods Preservation Rules:

1. No freezer jams accepted.
2. All jams/jellies, fresh fruit, pickled products, salsa and tomato products must be processed using the boiling water bath method.
3. All meat and vegetable products must be processed using the pressure canner method.
4. All products must be processed according to Utah altitude adjustment for USDA processing times.
5. All products must be canned in standard canning jars- ½ pint, 1 pint or 1 quart jars.
6. Label each jar on the bottom with the following information:
 - a) Name of exhibitor.
 - b) Name of recipe/source of recipe, i.e. USDA, Kerr, Ball, or pectin brand name. Only tested recipes will be accepted.
 - c) Date canned.
 - d) Processing method and time - water bath, pressure canner, using correct altitude adjustments for your area.

Enter one (1) appropriate size jar with completed label on bottom of jar to include the information listed in General Foods Preservation Rule #6.

1. Canned Fruits
2. Canned jam/jelly or a reduced sugar fruit spread (no freezer jams accepted)
3. Canned vegetables
4. Canned tomato product
5. Salsa
6. Canned pickles or pickled product
7. Canned meats
8. Canned combination product
9. Dehydrated foods

GUIDELINES - FOOD PREPARATION

Any item from the following list. These exhibits are based on the learning experiences in the Fantastic Foods Curriculum (4-H CCS).

- 1 a - Four baked cookies
- b - Four muffins-no muffin liners
- c - Four brownies
- d - Quick bread - one loaf
- 2 a - A square, oblong or round layer cake without frosting
- b - Four no yeast pretzels
- c - Four baking powder rolled biscuits (no drop biscuits)
- 3 a - Four bread sticks or yeast rolls (not a sweet roll)
- b - White bread, traditional or machine
- c - Specialty grain (whole wheat, rye, oat), traditional or machine
- d - Sweet yeast bread or four sweet rolls
- e - Invented snack
- f - Four pieces of candy
- 4 a - A single or double crust baked fruit pie
- b - International/ethnic food product.
- c - International bread - one loaf, using a bread machine.
- d - Creative bread/Bread sculpture - one display, use of a bread machine or purchased frozen dough optional.
- e - Table setting and centerpiece for special occasion

GUIDELINES - OUTDOOR COOKING

Enter one of the following:

- 1. Dutch Oven item (cake, cornbread, biscuits)
- 2. Biscuits on a stick - 3 with sticks cut to fit large plate.
- 3. Trail mix or appropriate snack item.
- 4. Buddy burner-reflective oven

GUIDELINES - CAKE DECORATING

Exhibit one of the following decorated cakes:

- 4. Single-layer (8 or 9 inch round or square or a 9 X 13 inch oblong) or cut-up with design applied with colored sugar, coconut, candies, etc.; all decorations must be edible. The round-plain, star and shell tips may be used but are not required.
- 5. Character, 3D or doll with three different types of decorating tips used. Other edible items are allowed. A plastic doll or doll pick is allowed for doll cakes.
- 6. Two-layer using at least 3 different types of decorating tips. Must include the round, star and leaf tips, but may choose other tips as well. Drop flowers and striping methods are acceptable.
- 7. Two-layer 8, 9 or 10 inch, may be two tier without plates, using both drop or flat surface flowers and flowers made on a flat flower nail.
- 8. Create your own project, suggestions include flowers made on a lily nail, figure piping, string work, tier cakes with separators and pillars.

GUIDELINES- SAFETY

Poster, notebook or display of what was learned through the safety project. Suggestions for exhibits include:

- 1. ATV Safety. 2. Automotive Safety. 3. Bicycle Safety. 4. Communities for Child Safety. 5. Emergency Preparedness.
- 6. Tractor and Machinery Safety.

DIVISION F - PERSONAL DEVELOPMENT AND LEADERSHIP

GUIDELINES - HOBBIES and COLLECTIONS

Poster, notebook or display of what was learned through the hobbies and collections project.

Suggestions for exhibits include

- Coin, sports card, or stamp collections

GUIDELINES- LEADERSHIP SKILLS DEVELOPMENT

Poster, notebook or display of what was learned through the leadership skills development project. Suggestions:

- Ambassador project notebooks.
- Report of leadership activities.
- Comparison of leadership styles.

DIVISION G - PLANTS AND ANIMALS

GUIDELINES - ANIMALS

Poster, notebook or display of what was learned through the animals project. It is suggested that these exhibits be based on the learning experiences in the 4-H Cooperative Curriculum System Publications (4HCCS).

Suggestions for exhibits include:

GUIDELINES - FLOWER GARDENING/HOUSE PLANTS

Exhibit one of the following:

- Live, potted house plant cultivated for appearance.
- Collection of live house plants arranged in a pot for size and appearance.
- Live, potted outdoor plant cultivated for appearance.
- Collection of live outdoor plants arranged in a pot for size and appearance.

GUIDELINES - GARDENS - FRUIT/VEGETABLE

GARDEN FRUITS and VEGETABLES - Any garden fruit or vegetable grown by a 4-H participant.

An entry in this division shall consist of the fruits or vegetable listed below with the number of each specimen required following the name of the fruit. DISPLAY TRAYS WILL BE FURNISHED BY THE FAIR BOARD.

Fruits

Apples 3

Apricots 3

Blackberries 10

Cherries 10

Grapes 1 bunch

Muskmelon 1

Peaches 3

Pears 3

Prunes/Plums 5

Raspberries 10

Rhubarb 6

Strawberries 10

Watermelon 1

Other fruits 3

Vegetables

Beans - Green 10 pods at edible maturity

Beans - Yellow 10 pods at edible maturity

Beets - 3 roots small to medium in sized at good edible maturity, 1 inch tops, washed.

Broccoli - 1 center head

Brussel Sprouts - 8 buds or sprouts

Cabbage -1 head

Carrots - 4 roots at edible maturity, 1 inch tops, washed

Cauliflower - 1 head

Corn - sweet - 3 ears husked

Corn - Indian - 3 ears

Cucumbers - pickling - 3

Eggplant - 2

Kohlrabi - 2 specimens with leaves removed to 1 inch

Lettuce - head - 1 plant with roots removed
Lettuce - leaf - 1 plant with roots removed
Okra - 4 fruits or pods at edible maturity
Onions - white 4
Onions - yellow 4
Onions - red 4
Peas - 6 pods at edible maturity
Peppers - hot 5
Peppers - sweet 3
Potatoes - red 4
Potatoes - white 4
Popcorn - 3 corn husked
Pumpkin - miniatures 2
Pumpkin - 1 small - up to 6 inches in diameter
Pumpkin - 1 medium 6-12" in diameter
Pumpkin - 1 large 12" in diameter
Radishes - 5 with tops removed
Spinach - 2 plants with roots removed
Squash - summer/yellow 2
Squash - summer/zucchini 2
Squash - winter/acorn 2
Squash - winter/other 1
Sunflowers - 1
Swiss Chard - 2 plants with roots removed
Tomato - cherry/patio - 1 0 with stem attached
Tomato - Roma type - 4 with a 1-2" stem attached
Tomato - ripe medium variety, 1 to 2 1/2'
diameter, 4 with a 1-2" stem attached
Tomato - ripe large variety, 2 1/2' & larger, 4 with a 1-2" stem attached
Tomato - green (medium and large varieties), 4 with a 1-2" stem attached
Turnips - 3
Misc. Vegetable

**DIVISION H - SCIENCE AND TECHNOLOGY
GUIDELINES - ENTOMOLOGY AND BEES**

Enter one of the following entomology exhibits:

1. BEGINNER - Box of insects containing at least 10 different adult insects, grouped in at least 2 named orders.
2. UNIT I - Boxes of insects containing at least 25 different adult insects, grouped in at least 5 named orders.
3. UNIT II - Boxes of insects containing at least 50 different adult insects grouped in at least 8 named orders. At least 25 of the insects must have been collected during current year. A statement to this effect should accompany the collection.
4. UNIT III - Up to two boxes containing at least 50 different species of adult insects, grouped in at least 8 named orders. All insects must have been collected during the current year and be properly labeled as to state, locality, date, and collector.
5. UNIT IV - Up to two boxes containing at least 150 different species of insects grouped in named orders, properly labeled as to state, locality, date, and collector. At least 100 of the insects must have been collected during the current year. A life history display of 1 insect species with complete metamorphosis and 1 insect with incomplete metamorphosis must be included.
6. UNIT V - Up to two boxes of insects containing at least 50 insects properly labeled as to state, locality, date, and collector and grouped by family (at least 25 families identified and labeled).

7. UNIT VI - Up to two boxes of insects containing 100 insects properly labeled as to state, locality, date, and collector and grouped by family (at least 50 families identified and labeled). Enter one of the following bee exhibits:

8. EXTRACTED HONEY - Judging criteria includes:

Container (4 points), clear transparent glass jar with new lid, full to neck; Clarity and brightness (16 points), clear rather than cloudy and free of foreign matter; Free from crystals (16 points), free of granulated sugars; Uniformity (16 points), no detectable layering; Density (16 points), not extremely thick or extremely thin; Aroma (16 points), a moderate fragrance rather than no fragrance or a heavy, strong aroma; Flavor (16 points) bitter or off flavors will down grade the score.

9. SECTIONS OF FRAMES OF COMB HONEY - Judging criteria includes:

Completeness of cells and capping (25 points); Uniformity to fill (25 points), all cells uniformly filled; Cleanliness and appearance of wax (25 points); Section or frame condition, cleanliness, and appearance (25 points); See grading and judging guidelines for more details. Judging criteria are available from local extension offices. (The U.S. Honey Classification system will be used.)

GUIDELINES- VETERINARY SCIENCE

Poster, notebook or display of what was learned through the veterinary science project.

Suggestions for exhibits include:

- Report of wound treatments and healing.
- Report of pet care.
- Report of diseases that can affect animals, etc.

GUIDELINES - AEROSPACE

Enter one of the following:

1. Model rocket.
2. Model airplane.

GUIDELINES - ELECTRIC

Poster, notebook or display of what was learned through the electric project. Suggestions for exhibits include:

- Diagram of circuitry of farm or home electricity.
- Electric board used for quiz system.
- Comparison of electricity today and in the past.

GUIDELINES - ENGINE/TRACTOR/FIELD

Poster, notebook or display of what was learned through the engine project. Suggestions for exhibits include:

- Diagram of an engine and its operation
- Comparison of engine sizes and power.
- Report of engine failures and troubleshooting.
- Comparison of engine changes throughout history, etc.

GUIDELINES - WOODWORKING

Enter one of the following items created with woodworking skills:

- Basket or other decorative item.
- End table/table.
- Furniture.

Don't forget

4-H DAY AT THE UTAH STATE FAIR!!!