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# 4-H DEPARTMENT DEPARTMENT U

## GENERAL RULES

1. **BETWEEN 9:00 AM TO 2:00 PM ON THURSDAY, SEPTEMBER 1, 2011**, counties are to send or bring all 4-H exhibits except crops and gardens to the 4-H Building near the South Gate at the Utah State Fair. Crops and gardens exhibits are to be brought to the 4-H Building **BETWEEN 12:00 PM AND 2:00 PM ON WEDNESDAY, SEPTEMBER 7, 2011**.

2. **Counties are to enter all exhibits through the Online County Fair Program. Please print two "State Fair Entry" lists. Submit the completed lists with entries submitted at the State 4-H Building on THURSDAY, SEPTEMBER 1, 2011.** Information requested is as follows: name of county, class number, first and last name of the exhibitor, and a complete description (include color) of the exhibit as insurance against loss. The first list is to be in the order of class number, last name, first name and the second list in the order of last name, first name, class number. Complete descriptions are required!

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

- 4-H members must have been in the 3rd grade through the 12th grade and at least 8 years old on October 1, 2010.
- 4-H members must be enrolled in the project in which the exhibit is entered.
- 4-H members will be allowed to enter more than one exhibit per class, but no more than **one exhibit per lot** within the class. Exceptions to this rule are Food Preservation (3 bottles of different fruit and three bottles of different vegetables are allowed) and Gardening (may enter two exhibits in each lot but must be different varieties).
- 4-H members will be allowed an unlimited number of total entries.

4. As a result of the various growing seasons, fruits, vegetables, and vegetable creatures do not have to compete first at the County Level. However, they must be State Level quality. Please check with your county for requirements. Entries must be of state level quality to receive ribbon, premium, and pass to the fair.

5. **The following are requirements and information for exhibits:**

- Posters must be 22" X 33" 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.
- Exhibits must have a completed exhibit card attached securely to it. Exhibits with more than one part must have an exhibit card attached to each part numbered 1 of 3, 2 of 3, 3 of 3, etc.
- Food items need to be of a quality to keep more than a week without refrigeration. Frozen food products are not acceptable. Do not send food items which will spoil quickly. Bread exhibits may be made by the traditional method or with a bread machine. Food will be sprayed after judging.
- Exhibits which are normally hung on the wall must provide some means for attachment to the wall (paintings, framed items, woodworking, wall-hangings, and articles using artificial or dried flowers).
- Exhibits must be well made so they are stable enough to be moved.
- Where display space is limited only selected articles may be shown.
- Baked products and gardening exhibits will not be returned without prior special arrangement.
- Items to be returned (hangers, pie pans, cake stands, etc.) must be marked with name of exhibitor and county.
- Please indicate if the item was made from a kit.
- Exhibits should not be school homework. If **part** of it was done in school, please include a note explaining what additional things the 4-H member did to make it also into a 4-H project.

6. **County Extension Agents are responsible to make arrangements for collecting the exhibits AFTER 1:00 PM AND BEFORE 3:00 PM ON MONDAY, SEPTEMBER 19, 2011;** all exhibits must be picked up at the 4-H Building near the South Gate at the Utah State Fair. Exhibits not picked up at that time will be taken to USU for distribution at a later date.
7. The following judging and award guidelines will be used:
  - All entries will be judged.
  - Entries deemed to be of superior quality will be recognized as such and receive a State Fair Honor Award rosette.
  - More than one entry per class may receive the State Fair Honor Award, but not more than 10% of the total entries in the department.
  - Each 4-H member with entries in the Fair will receive one (1) gate admission pass.
  - Entries will receive the following premiums:
    - Rosette - \$2.00
    - Blue - \$1.50
    - Red - \$1.25
    - White - \$1.00

## **DIVISION A - CITIZENSHIP/CIVIC EDUCATION**

### **CLASS AB - CITIZENSHIP**

*Note: for Community Service see class AG: Volunteerism, Service Learning & Community Service.*

- Lot 1: Poster or other display item on how government works (ie legislative process, etc.)  
 Lot 2: Poster or other display item that compares government in different countries.  
 Lot 3: Citizenship Game – can include but is not limited to flash cards, question and answer board, etc. Include instruction on how to play the game.  
 Lot 4: Patriotic display – poster or other display item promoting patriotism.  
 Lot 5: Other item related to Citizenship not listed above.

### **CLASS AC - CULTURAL EDUCATION**

*Exhibit should show 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.*

- Lot 1: Genealogy report of your family.  
 Lot 2: Family tree – painted, cross-stitched, etc.  
 Lot 3: Poster or other display item about a family ancestor(s) or family birthplace.  
 Lot 4: Collection of family recipes – should include at least 10 recipes  
 Lot 5: Quilt, painting, craft or other artwork depicting family's heritage.  
 Lot 6: Collection of photographs, mounted and identified, depicting your family history.  
 Lot 7: Heritage craft accompanied by report of its history.  
 Lot 8: Games and toys of earlier days.  
 Lot 9: Poster or other display item of a 4-H exchange (intrastate, interstate)  
 Lot 10: Other item related to Cultural Education not listed above.

### **CLASS AD - GLOBAL EDUCATION**

*Exhibit on world issues studied in the project.*

- Lot 1: Poster or other display item that traces family roots to other countries.  
 Lot 2: Poster or other display item that compares different cultures (food/nutrition, names, lifestyle, clothing, economics, education, etc.)  
 Lot 3: Collection of items from one country, minimum of six items, with an explanation of how each item provides a greater understanding of the culture studied.  
 Lot 4: Other item related to Global Education not listed above.

### **CLASS AE - INTERGENERATIONAL PROGRAMMING**

- Lot 1: Poster, scrapbook or other display item of your involvement in the Adopt a Grandparent program.  
 Lot 2: Poster or other display item that explains the aging process and healthy living.

Lot 3: Other item related to Intergenerational Programming not listed above.

#### **CLASS AF - UNDERSTANDING PHYSICAL AND MENTAL LIMITATIONS**

Lot 1: Poster, notebook or other display item explaining a specific physical or mental disability.

Lot 2: Poster or other display item of your involvement with an individual(s) with a physical or mental disability.

Lot 3: Other item related to Understanding Physical and Mental Limitations not listed above.

#### **CLASS AG – VOLUNTEERISM, SERVICE LEARNING, AND COMMUNITY SERVICE (Projects for AH and AI should be entered here)**

Lot 1: Poster or other display item of your 4-H volunteer project, either individually or with your 4-H club, and its impact on you and your community.

Lot 2: Poster or other display item of the impact of volunteerism.

Lot 3: Care Package Display – poster or item about process of making a care package and delivering it. Should not include actual care package.

Lot 4: Other item related to Volunteerism, Service Learning, and Community Service not listed above.

### **DIVISION B - COMMUNICATIONS AND EXPRESSIVE ARTS**

#### **CLASS BA - COMMUNICATION ARTS**

Lot 1: Speech written, performed, recorded on video tape if possible.

Lot 2: Demonstration given, recorded on video tape if possible.

Lot 3: Original poems

Lot 4: Original stories

Lot 5: Other item related to Communication Arts not listed above.

#### **CLASS BB - PERFORMING ARTS**

Lot 1: MAGIC / CLOWNING / MIME - Poster, notebook or other display item of what was learned through a magic, clowning, or mime project. (ie video of magic show performed, portfolio of tricks learned, collection of jokes, etc.)

Lot 2: DANCE - Poster, notebook or other display item of what was learned through 4-H dance project (ie dance steps learned, video of original dance performed, etc)

Lot 3: THEATRICAL WRITINGS - Original writings - script or screen play

Lot 4: MUSIC / VOCAL / SOUND – Poster, notebook or other display item of what was learned through 4-H vocal or instrumental music project. (ie. Original music score with cassette taped music, musical instrument created by member, etc)

Lot 5: ACTING / DIRECTING - Poster, notebook or other display item of what was learned through 4-H theatre arts project. (ie dvd of acting done with written narration about the piece, recording of a monologue with copy of script, etc)

Lot 6: STAGE CRAFT - Poster, notebook or other display item of what was learned through 4-H theatre arts project (ie set design model, display of props created by 4-H member, display of makeup, costume made by member, illustrations of costume design, etc)

Lot 7: PUPPETRY - Poster, notebook or other display item of what was learned through puppetry project (ie collection of puppets made by member, dvd of puppet show performed, etc)

#### **CLASS BCA - ARTS AND CRAFTS**

*Jewelry and smaller crafts should be attached to a 3x5 card*

Lot 1: BOONDOGGLE – item made primarily of boondoggle – ie keychain, figure, etc.

Lot 2: METAL – decoration, wall hanging, or other item cut out of metal

Lot 3: TILE PICTURES (*Painted wood signs should be entered in Lot 15 (judged on painting) or 16 (judged on lettering)*)

Lot 4: PAINTED WOOD CRAFTS – wall hanging, basket, frame, tole painted or other item.

Lot 5: VINYL LETTERING – wall hangings, pictures, or other item

Lot 6: WAX CRAFTS – candles or other items made of wax.

Lot 7: DUCT TAPE – item is made mainly of duct tape – sword, wallet, etc..

- Lot 8: PERSONAL CARE ITEMS – soap, lip balm, lotion, fizz balls, or other item.  
Lot 9: LEGOS, MODEL CARS – lego's, k'nex, etc.  
Lot 11: OTHER – any item that does not fit into the above categories or any of the categories BCAB through BCAW below.

#### **CLASS BCAB - BEADING**

*Smaller crafts should be attached to a 3x5 card – Jewelry should be entered in Class BCAJ*

- Lot 1: SEED BEADS – (ie jewelry bead) fabric, hair accessory, or other item.  
Lot 2: PONY BEADS – (craft beads) – animals (geckos), keychains, or other item  
Lot 3: MELTED BEADS – (melted in oven or with iron) suncatchers, other items

#### **CLASS BCAC – CERAMICS**

- Lot 1: PAINTED CERAMICS – medium to large figure or group of small figures  
Lot 2: STAINED OR GLAZED CERAMICS - medium to large figure or group of small figures

#### **CLASS BCAD - PORCELAIN**

- Lot 1: CLOTHED DOLL  
Lot 2: Other porcelain item not listed above (egg, ornament, etc)

#### **CLASS BCAF – FLOWER ARRANGING**

- Lot 1: DRIED FLOWERS – picture, basket, wreath or other item decorated with dried flowers  
Lot 2: ARTIFICIAL FLOWERS – flower arrangement, picture or other item decorated with artificial flowers

#### **CLASS BCAJ – JEWELRY** - necklace, bracelet, ring, earrings, or other type of jewelry

- Lot 1: SEED BEAD JEWELRY (tiny beads)  
Lot 2: GLASS BEAD JEWELRY  
Lot 3: WOOD BEAD JEWELRY  
Lot 4: METAL BEAD JEWELRY  
Lot 5: PORCELAIN BEAD JEWELRY  
Lot 6: OTHER BEAD JEWELRY  
Lot 7: WIRE JEWELRY  
Lot 8: STRING JEWELRY – jewelry made using only string (ie knotted)

#### **CLASS BCAL – LEATHER CRAFT**

- Lot 1: CARVING OR STAMPING - belt, keychain, or other item that has been stamped or carved  
Lot 2: STITCHING – wallet, purse, or other item that has been hand stitched and stamped

#### **CLASS BCAP – PAPER CRAFT**

- Lot 1: STATIONARY – cards, stationary paper, envelopes  
Lot 2: ORIGAMI, PAPER DOLLS  
Lot 3: SCRAPBOOKING – Scrapbook or scrapbook pages  
Lot 4: OTHER PAPER CRAFT – All other item made primarily of paper that does not fit in lots 1-3

#### **CLASS BCAR – FABRIC CRAFT**

- Lot 1: FABRIC CRAFT - doll, wreath, basket, wall hanging, or other *non-clothing and/or non-sewn* item mostly made from fabric. *(All sewn items and/or clothing items, including flipflops, should go under CB (non-sewn) or CBA (sewn))*

#### **CLASS BCAS - STENCILING**

- Lot 1: Project using stenciling techniques. (ie. sign, wall hanging, dishtowel, article of clothing, etc.)

#### **CLASS BCAV – PLASTIC CANVAS**

- Lot 1: Decoration, picture frame, basket or other item created with plastic canvas

#### **CLASS BCAW – WOOD CARVING / ENGRAVING / BURNING** *(Other wood projects should be*

**entered in HCH)**

- Lot 1: Item made from carved wood (car, boat, walking stick, frame, etc)
- Lot 2: Wooden item that has been engraved (jewelry box, sign, etc)
- Lot 3: Wooden item that has been burned (jewelry box, wall hanging, etc.)

**CLASS BCB - DRAWING, PAINTING, SCULPTURE**

*Work of art utilizing one of the following mediums. If using more than one medium, please indicate under which lot it is to be judged.*

- Lot 1: LEAD PENCIL DRAWING/SKETCHING
- Lot 2: COLORED PENCIL DRAWING/SKETCHING
- Lot 3: CHARCOAL DRAWING/SKETCHING
- Lot 4: PASTEL DRAWING/SKETCHING
- Lot 5: CRAYON DRAWING/SKETCHING
- Lot 6: CHALK DRAWING/SKETCHING
- Lot 7: MIXED MEDIA DRAWING/SKETCHING
- Lot 8: CALLIGRAPHY
- Lot 9: OIL PAINTING - (using a brush to apply medium.)
- Lot 10: WATERCOLOR PAINTING
- Lot 11: ACRYLIC PAINTING
- Lot 12: SCULPTURE – pottery
- Lot 13: CLAY SCULPTURE
- Lot 14: OTHER - fine arts not listed above

**CLASS BCC - GRAPHIC ARTS, DISPLAYS, EXHIBITS**

*Work of art created utilizing computer technology. Can be a greeting card, business card, menu, cd cover, book layout, newsletter, or other piece.*

- Lot 1: Full color
- Lot 2: Black and white

**CLASS BCD –PHOTOGRAPHY**

***All photography should be mounted or framed.***

- Lot 1: One photo album page attractively displaying **photos taken by you** in your project. (Judging will be on the pictures, not on the scrapbooking.)
- Lot 2: A photo story. About 5 to 10 black and white or color pictures which depict a simple story.

An enlarged 4x6, 5x7 or 8x10 mounted and titled color or black and white photograph

- Lot 3: Landscape – Color
- Lot 4: Landscape – Black & White
- Lot 5: Person Portrait
- Lot 6: Animal – Wildlife
- Lot 7: Animal - Pets
- Lot 8: Sports/Action
- Lot 9: Human Interest
- Lot 10: Macro / Close-Up
- Lot 11: Nature
- Lot 12: Architecture
- Lot 13: Abstract
- Lot 14: 4-H Promotional Photo – (ie projects, community service, activities/events)
- Lot 15: Conventional photo using adjustable focus and or adjustable exposure. Negative must be included.

- Lot 16: Digitally Altered or Enhanced Photo – should include original photo for comparison
- Lot 17: Other- a photography item that is NOT mentioned in the Photography classes above. Items might include video, movie making, animation, color enhancement, etc.

## **DIVISION C - CONSUMER AND FAMILY SCIENCE**

### **CLASS CA - CHILD DEVELOPMENT, CHILD CARE, BABYSITTING**

Lot 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.
- Notebook of television programming evaluation.
- Chart of your roles, responsibilities and actions.
- Poster of problem situations and solutions.
- Other items related to child development not listed above.

CHILD CARE/BABYSITTING exhibits include:

Lot 2: A toy handmade by the 4-H member.

Lot 3: 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.

Lot 4: 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).

Lot 5: 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.

Lot 6: 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.

Lot 7: Other item created to be used in the care of a child.

### **CLASS CB - CLOTHING and TEXTILES**

Lot 1: DECORATE YOUR DUDS – EMBELLISHED GARMENT - jeans, jackets, t-shirts, vests, shorts, or any clothing article decorated creatively with appliqué, lace, buttons, bows or other items, accessories such as hats, shoes and jewelry may be included.

Lot 2: DECORATE YOUR DUDS – FABRIC ALTERED GARMENT – fabric is tie-dyed, sun-dyed, painted, pieced, or otherwise altered while creating garment.

Lot 3: Fabric Swatches or items using fabric designed by the artist. The textile design can be done on clothing blanks, or other fiber. Includes items created using sun printing, dying, stamping, batik, printing on fabric, stamping on velvet, transfers, or other surface design.

Lot 4: Poster, notebook or other display item on careers available in the field of apparel and textiles. This could include careers related to apparel or textile design, textile finishes, research in standardizing ready-to-wear, visual merchandising, fashion forecasting, apparel production, etc.

Lot 5: Item produced using technology. (ie. item embellished with computerized machine embroidery, apparel designed/ constructed using a computer-generated pattern, printout of a textile design created using technology.)

Lot 6: Sewing for Income - submit a notebook or poster telling about your project. May include pictures of items produced.

Lot 7: Poster, notebook or other display item related to textiles (ie. types of fabric construction; results of burn test fiber identification; stain removal exhibit; collection of fabric samples identified by fiber content, trade name, care recommendations, common uses, etc.)

Lot 8: Service Project – (For general service projects, see Class AG.) 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).

Lot 9: Other non-sewn Creative Textile items not listed above - includes non-sewn fleece projects.

### **CLASS CBA - SEWING CONSTRUCTION**

- Lot 1: PILLOWCASE
- Lot 2: PILLOW
- Lot 3: DRAWSTRING BAG/CAMP BAG
- Lot 4: BACKPACK, DUFFEL BAG, FANNY PACK, HANDBAG
- Lot 5: APRON
- Lot 6: CLOTHING REMADE – garment must be cut into or taken apart in some way in the “redesign” process – ie: skirt made of levi pants, etc. May include before and after picture.
- Lot 7: SHORTS, CAPRIS, PANTS – with casing – elastic or drawstring waistband
- Lot 8: SHORTS, CAPRIS, PANTS – with waistband or facing
- Lot 9: SKIRT – with casing – elastic or drawstring waistband
- Lot 10: SKIRT – with waistband or facing
- Lot 11: VEST
- Lot 12: PAJAMA SET, NIGHTGOWN, ROBE OR LOUNGEWEAR (Single pajama pants should be entered in lot 7)
- Lot 13: JUMPER
- Lot 14: SHIRT / BLOUSE
- Lot 15: CASUAL DRESS
- Lot 16: COAT, JACKET, OR OUTERWEAR
- Lot 17: MULTI-PIECE OUTFIT (2 or 3 piece, not tailored) – t-shirt and pants,
- Lot 18: SPECIAL OCCASION DRESS / FORMAL OR EVENING WEAR
- Lot 19: TAILORING (2 or 3 piece outfit)
- Lot 20: ACTION WEAR (using stretchable fabrics) – swimsuits, leotards, lingerie, biking shorts and shirts.
- Lot 21: CREATE YOUR OWN FABRIC—clothing, home decorations, gifts, wall hangings, accessories, or whatever you choose to make with the fabric you have created.
- Lot 22: 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.
- Lot 23: SOFT SCULPTURE—stuffed doll, animal, or other figure utilizing soft sculpture techniques
- Lot 24: SEWN FLEECE PROJECTS – Any item constructed from fleece. Exhibits may include: mittens, hats, outerwear, blankets, pillows, boas, etc. (*Non-sewn fleece projects should be entered under CB 9*)
- Lot 25: SEWING FOR DOLLS – any article of sewn clothing made for a doll
- Lot 26: OTHER CREATIVE SEWN TEXTILE ITEM

### **CLASS CBB - WARDROBE MANAGEMENT**

- Lot 1: Poster or other display item analyzing three or more clothing advertisements.
- Lot 2: Comparison shopping summary.
- Lot 3: Poster, notebook or other display item of wardrobe analysis and plan.
- Lot 4: Poster or other display item of clothing trends.
- Lot 5: Poster, notebook or other display item about careers in the fashion industry.
- Lot 6: Other item related to Wardrobe Management not listed above.

### **CLASS CBC - MODELING**

- Lot 1: Personal color chart and figure type analysis.
- Lot 2: Design of a Fashion Show.
- Lot 3: Other item related to Modeling not listed above.

### **CLASS CBD – QUILTING**

*50% of quilt should be made by the exhibitor. Please include card explaining your quilting (ie. Did you piece it, quilt it, someone else quilt it, etc). It is customary to piece the quilt and have assistance with quilting. Regardless of size of quilt, it will be judged on skills utilized. \*\*Pillowcases should be entered in CBA 1.*

- Lot 1: Tied quilts/pieced.
- Lot 2: Tied quilt/whole
- Lot 3: Rag quilts.

- Lot 4: Pieced quilts, machine quilted.
- Lot 5: Pieced quilts, hand quilted
- Lot 6: Appliquéd quilts, machine quilted
- Lot 7: Appliquéd quilts, hand quilted
- Lot 8: Wall hangings
- Lot 9: Other item related to Quilting not listed above – quillow, etc..

#### **CLASS CBE - KNITTING**

- Lot 1: Kitchen Items – potholders, dishcloths, towel tops, scrubbies, etc
- Lot 2: Baby Items – dress, booties
- Lot 3: Dolls, doll clothes, toys
- Lot 4: Small articles – hairbands, scrunchies, etc
- Lot 5: Edging on articles – blankets, burp cloths, bibs, etc
- Lot 6: Scarf, hat, mittens, socks, slippers
- Lot 7: Doily
- Lot 8: Pillow, purses
- Lot 9: Sweaters
- Lot 10: Afghan
- Lot 11: Other item related to Knitting not listed above

#### **CLASS CBF - CROCHET**

- Lot 1: Kitchen Items – potholders, dishcloths, towel tops, scrubbies, etc
- Lot 2: Baby Items – dress, booties
- Lot 3: Dolls, doll clothes, toys
- Lot 4: Small articles – hairbands, scrunchies, etc
- Lot 5: Edging on articles – blankets, burp cloths, bibs, etc
- Lot 6: Scarf, hat, mittens, socks, slippers
- Lot 7: Doily
- Lot 8: Pillow, purses
- Lot 9: Sweaters
- Lot 10: Afghan
- Lot 11: Other item related to Crochet not listed above

#### **CLASS CBG - NEEDLECRAFT/KNOT TYING**

*An item made utilizing one of the following:*

- Lot 1: BEGINNING MACRAME - Articles such as necklace, small owl, belt.
- Lot 2: ADVANCED MACRAME - Articles such as large plant holder, wall hanging, purse.
- Lot 3: EMBROIDERY AND APPLIQUE – An item made with: Black Work, Japanese, Bunka, Machine, Huck, Candlewicking, Open work/Cut work, Appliqué, Smocking, Chicken Scratch, Crewel, Hardanger, or other
- Lot 4: COUNTED CROSS STITCH
- Lot 5: CROSS STITCH
- Lot 6: LACEWORK - Items utilizing one or more of the following: Needlelace, Lace Weaves, Tatting, Hairpin Lace, Filet Netting, Bobbin Lace, other
- Lot 7: NEEDLEPOINT - Items utilizing one or more of the following: Petit Point, Bargello, General Needlepoint, Other
- Lot 8: LATCH HOOK
- Lot 9: ORIGINAL NEEDLECRAFT – Item made from own design, not a kit or pattern

#### **CLASS CBK – SPINNING AND WEAVING**

- Lot 1: SPUN YARN – skeins should weigh at least 2 ounces and be properly tied in 4 places with self yarn. *Should include a 3x5 card which describes fiber preparation, fiber content, techniques, and appropriate use.*
- Lot 2: Article made by weaving
- Lot 3: Other item related to spinning and/or weaving.

### **CLASS CC - CONSUMER EDUCATION / PERSONAL FINANCE**

- Lot 1: Poster or other display item analyzing 3 or more advertisements.
- Lot 2: Budget or savings plan goals and usefulness.
- Lot 3: Comparison of products to consider for purchase.
- Lot 4: Make an original advertisement for a product – tv, radio, or magazine
- Lot 5: Other item related to Consumer Education / Personal Finance not listed above.

### **CLASS CD – HOME ENVIRONMENT / INTERIOR DESIGN**

- Lot 1: Organizational concepts of a bulletin or display board, hanging pocket, an organized kit – i.e., car cleaning, house cleaning, sewing.
- Lot 2: Room décor – wall hangings, desk organizers with at least four matching containers or items which can include boxes, canisters, ink blotter, bookends, wastebasket, etc., lamp for studying, bulletin board, wall organizer, quilted book cover, pillows, etc.
- Lot 3: Furniture – finished or refinished, upholstered or reupholstered.
- Lot 4: Poster or notebook of concepts learned or display of room floor plan and colors selected
- Lot 5: Other item related to Interior Design not listed above.

### **CLASS CE - PARENTING and FAMILY LIFE EDUCATION**

- Lot 1: Collection of parenting information.
- Lot 2: Poster or other display item comparing parenting and family life throughout history or between cultures.
- Lot 3: Other item related to Parenting and Family Life Education not listed above.

## **DIVISION D - ENVIRONMENTAL EDUCATION AND EARTH SCIENCES**

### **CLASS DA - ENVIRONMENTAL STEWARDSHIP**

- Lot 1: Poster or other display item of environmental restoration projects being done in Utah.
- Lot 2: Poster or other display item that compares environmental practices in mining, logging, etc.
- Lot 3: Poster or other display item explaining the importance of conserving the earth's limited resources.
- Lot 4: Poster or other display item that compares dependence upon energy resources in developed vs. developing countries.
- Lot 5: Poster or other display item of conservation efforts to reduce the usage of water (at home, school, farm, etc.)
- Lot 6: Other item related to Environmental Stewardship not listed above.

### **CLASS DB - EARTH, WATER, and AIR**

- Lot 1: Collection of rocks and minerals, properly mounted and identified.
- Lot 2: Poster or other display item of geological formations found in Utah.
- Lot 3: Poster or other display item that compares minerals found in Utah and throughout the U.S.
- Lot 4: Poster or other display item of soils found in Utah.
- Lot 5: Poster or other display item that compares soil types and plant growth.
- Lot 6: Poster or other display item of weather patterns.
- Lot 7: Poster or other display item that compares water usage and plant growth, etc.
- Lot 8: Model of the earth's ecosystem
- Lot 9: Poster or other display item relating to Water Conservation and ways to conserve water.
- Lot 10: Other item related to Earth, Water and Air not listed above.

### **CLASS DC - ENERGY**

- Lot 1: Poster or other display item of your efforts to reduce energy use (at home, school, farm, etc)
- Lot 2: Poster or other display item that compares renewable vs nonrenewable energy sources.
- Lot 3: Other item related to Energy not listed above.

### **CLASS DDA - FORESTRY**

- Lot 1: Leaves from 15 important trees (shade or wood products) in your vicinity. Mount, identify and display each species properly.

- Lot 2: Wood samples from 10 trees that commonly are used for wood products. Mount, identify and display each sample properly.
- Lot 3: Illustration of the multiple-use forest management practices.

**CLASS DDB - RANGE MANAGEMENT**

- Lot 1: Stems, leaves and flowers from each of the four important range plant groups.
- Lot 2: 30 important range plants, including 10 shrubs, 10 forbes, and 10 grass and grass-like plants properly mounted and labeled.
- Lot 3: Grass board exhibit with one inch sheaves of range plants (with roots) used in range improvements in Utah.
- Lot 4: Range map and overlay showing a plan for range improvement for an area of private range or public range land.
- Lot 5: Display showing application of range improvement practices of basic range principles - models of improved type range fence, stock water developments, grass drill attachments, wind-proof mineral feeders, etc.

**CLASS DDC - WILDLIFE AND FISHERIES**

- Lot 1: Collection of handmade fly ties.
- Lot 2: WILDLIFE TRACKS – ie, plaster-of-paris mold of five or more kinds of wildlife along with a picture of each animal; plaster-of-paris tracks of one specific kind of wildlife with a picture of the animal, what the animal may eat, and what may eat the animal; etc
- Lot 3: WILDLIFE DIORAMA – show a grassland, prairie, woodland, agricultural, riparian (stream or river), wetland, and/or other area/ Include at least five kinds of wildlife that would live there.
- Lot 4: WILDLIFE FEEDER/WATERS – bird bath, bird feeder, squirrel feeder, etc. Include information of what animal it is intended for and where and how the feeder or waterer should be located for best use.
- Lot 5: Other item related to Wildlife and Fisheries not listed above.

**CLASS DE - OUTDOOR EDUCATION – ADVENTURE AND SHOOTING SPORTS**

- Lot 1: Poster or other display item of adventure challenge participation or outdoor education trip and personal reflection.
- Lot 2: Poster or other display item that compares shooting sports equipment (ie throughout history).
- Lot 3: Poster or other display item of a Hunter Safety aspect.
- Lot 4: Other item related to Outdoor Education not listed above.

**CLASS DF - WASTE MANAGEMENT – COMPOSTING, RECYCLING, & HAZARDOUS WASTE**

- Lot 1: “Going Green” – recycled item – item must be made changing it’s new purpose from it’s original purpose. (Recycled clothing should go under CBA)
- Lot 2: Composting or recycling plan for your home, school, or farm.
- Lot 3: Poster or other display item about household hazardous waste.
- Lot 4: Other item related to Waste Management not listed above.

**DIVISION E - HEALTHY LIFESTYLE EDUCATION**

**CLASS EA - CHEMICAL HEALTH**

- Lot 1: Poster or other display item that compares chemicals and / or drugs and their affect on the human body.
- Lot 2: Poster or other display item of accidents and deaths caused by chemical misuse.
- Lot 3: Other item related to Chemical Health not listed above.

**CLASS EB - MENTAL AND EMOTIONAL HEALTH**

- Lot 1: Poster or other display item of stress management techniques and effectiveness.
- Lot 2: Other item related to Mental and Emotional Health not listed above.

**CLASS EC - FOODS and NUTRITION**

- Lot 1: Beginning recipes - 30 recipes legibly written or typed in file or book.  
Lot 2: Advanced recipes - 60 recipes legibly written or typed in file or book.

**CLASS ECA - EFNEP**

- Lot 1: Poster or other display item of nutrition learning and incorporation into diet.  
Lot 2: Poster or other display item that compares a meal cost from various food stores.  
Lot 3: Other item related to EFNEP not listed above.

**CLASS ECB – FOOD SAFETY**

- Lot 1: Poster or other display item of food temperatures and safety concerns.  
Lot 2: Poster or other display item that compares food borne illnesses and affects on the human body.  
Lot 3: Poster or other display item that compares food businesses and their food handling practices.  
Lot 4: Other item related to Food Safety not listed above.

**CLASS ECC - FOOD PRESERVATION****General Foods Preservation Rules:**

- No freezer jams accepted.
- All jams/jellies, fresh fruit, pickled products, salsa and tomato products must be processed using the boiling water bath method.
- All meat and vegetable products must be processed using the pressure canner method.
- All products must be processed according to Utah altitude adjustment for USDA processing times.
- All products must be canned in standard canning jars - ½ pint, 1 pint, or 1 quart jars.
- All vacuum seals must be intact.
- Label each jar on the bottom with the following information: (should be legibly printed or typed)
  - a) Name of exhibitor.
  - b) Name of recipe/source of recipe, i.e. USDA, Kerr, Ball, or pectin brand name.
  - 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 the General Foods Preservation Rules above.*

- Lot 1: Canned Fruits – limit of 3 bottles of different fruits  
Lot 2: Canned jam/jelly or a reduced sugar fruit spread (no freezer jams accepted)  
Lot 3: Canned vegetables – limit of 3 bottles of different vegetables  
Lot 4: Canned tomato product  
Lot 5: Salsa  
Lot 6: Canned pickles or pickled product  
Lot 7: Canned meats  
Lot 8: Canned combination product  
Lot 9: Dehydrated foods

**CLASS ECD - FOOD PREPARATION**

*Food items must not require refrigeration. Must include recipe.*

- Lot 1: Four baked cookies  
Lot 2: Four bar cookies  
Lot 3: Four muffins-no muffin liners  
Lot 4: Four brownies  
Lot 5: A square, oblong or round layer cake without frosting  
Lot 6: Invented snack  
Lot 7: Four pieces of candy  
Lot 8: A single or double crust baked fruit pie  
Lot 9: International/ethnic food product

- Lot 10: Table display on a country outlining food preferences, meal patterns, how nutritional needs are met, interesting customs, traditions
- Lot 11: Food for a special occasion
- Lot 12: Notebook for catered meal (e.g., quick meal or meal preparation notebooks)
- Lot 13: Table setting and centerpiece for special occasion (For county fair use only)
- Lot 14: Any other food preparation item or educational display

### **CLASS ECDB – BREADS**

- Lot 1: Quick bread - one loaf
- Lot 2: Four pretzels
- Lot 3: Four baking powder biscuits
- Lot 4: Four breadsticks or yeast rolls (not a sweet roll)
- Lot 5: White bread, traditional or machine
- Lot 6: Specialty grain (whole wheat, rye, oat), traditional or machine
- Lot 7: Sweet yeast bread or four sweet rolls
- Lot 8: International bread - one loaf
- Lot 9: Creative bread/Bread sculpture - one display, use of a bread machine or purchased frozen dough optional

### **CLASS ECDO - OUTDOOR COOKING**

*Food items must not require refrigeration.*

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

### **CLASS ECF - CAKE DECORATING**

*Exhibits of decorated cakes include:*

- Lot 1: 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.
- Lot 2: 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.
- Lot 3: 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.
- Lot 4: 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.
- Lot 5: Create your own project, suggestions include flowers made on a lily nail, figure piping, string work, tier cakes with separators and pillars.
- Lot 6: Decorated cake using Styrofoam or other non-edible frame.

### **CLASS ED - PHYSICAL HEALTH**

- Lot 1: Poster or other display item of first aid or CPR education (first aid kit should go in EE)
- Lot 2: YOUTH in Motion – poster or scrapbook about the 4-Her's family or self involved in a physical activity. May include pictures, captions and/or reports about the results.
- Lot 3: Poster or other display item related to human growth and development.
- Lot 4: Poster or other display item related to disease (cause, symptoms, treatment, prevention, etc.)
- Lot 5: Other item related to Physical Health not listed above.

### **CLASS EE - SAFETY**

- Lot 1: Poster or other display item related to ATV Safety. (Suggestions include: step-by-step repair procedure, Safety Poster, or Safety Scrapbook)
- Lot 2: Poster or other display item about Bicycle Safety.
- Lot 3: Emergency Preparedness plan (for home or school).
- Lot 4: First aid kit.
- Lot 5: 72 hour kit.
- Lot 6: Other item related to Safety not listed above.

## **DIVISION F - PERSONAL DEVELOPMENT AND LEADERSHIP**

### **CLASS FA - CAREER EXPLORATION and EMPLOYABILITY**

- Lot 1: Poster or other display item comparing various careers (educational requirements, work environments, marketability, wages, etc.)
- Lot 2: Poster or other display item of your experience shadowing a professional and personal reflections.
- Lot 3: Interview do's and don'ts.
- Lot 4: Job resume
- Lot 4: Other item related to Career Exploration and Employability not listed above.

### **CLASS FB - CRITICAL THINKING SKILLS**

- Lot 1: Poster or other display item that compares judgment in situations and possible outcomes.
- Lot 2: Poster or other display item that evaluates judgments made and rethinking alternatives.
- Lot 3: Other item related to Critical Thinking Skills not listed above.

### **CLASS FC - ECONOMICS, BUSINESS AND MARKETING**

- Lot 1: Poster or other display item that compares various marketing techniques.
- Lot 2: Marketing Package – include at least three items developed from the following list for an original business developed by the 4-Her (cannot be an existing business): business card, brochure, advertisement, webpage, packaging design, signs, logo design, etc.
- Lot 3: Other item related to Entrepreneurship and Marketing not listed above.

### **CLASS FCC – 4-H PROMOTION**

- Lot 1: Poster or other display item that promotes 4-H in your county, state or in general
- Lot 2: Poster or other display item that promotes a 4-H project

### **CLASS FD – CLOVERBUDS (Grades K-2)**

*This category is for county fair use only.*

### **CLASS FE - COLLECTIONS**

*(Note: rock collections are entered in class DBA):*

- Lot 1: Coin collection.
- Lot 2: Sports card collection.
- Lot 3: Stamp collection.
- Lot 4: Other collections.

### **CLASS FF - LEADERSHIP SKILLS DEVELOPMENT**

- Lot 1: Ambassador project notebooks.
- Lot 2: 4-H Club Minute Book
- Lot 3: Poster, notebook or other display item of leadership activities. (ie with teen council, etc.)
- Lot 4: Poster or other display item that compares leadership styles.
- Lot 5: Poster or other display item related to Youth and Families with Promise / Mentoring
- Lot 6: Other item related to Leadership Skills Development not listed above.

### **CLASS FG - LEISURE EDUCATION**

- Lot 1: Poster or other display item about of a hobby.
- Lot 2: Other item related to Leisure Education not listed above.

### **CLASS FH - PERSONAL DEVELOPMENT**

- Lot 1: Poster or other display item about self-determined project plan.
- Lot 2: Other item related to Personal Development not listed above.

### **CLASS FI – READING LITERACY**

- Lot 1: Poster or other display item about reading literacy

**CLASS FJ – SOCIAL RECREATION SKILLS**

Lot 1: Notebook or CD of Games and/or Activities

Lot 2: Poster or other display item relating to Social Recreation skills.

**CLASS FK – VALUES CLARIFICATION / CHARACTER EDUCATION**

Lot 1: Poster or other display item relating to Values Clarification or Character Education

**DIVISION G - PLANTS AND ANIMALS****CLASS GA - AG IN THE CLASSROOM**

Lot 1: Collection of items made to better understand agriculture.

Lot 2: Poster or other display item about agriculture in today's society.

Lot 3: Poster or other display item about agriculture production.

**CLASS GB - ANIMALS**

*Poster or display of what was learned through the animals project in the following project areas:*

Lot 1: AQUACULTURE

Lot 2: BEEF

Lot 3: BIRDS & POULTRY

Lot 4: CATS

Lot 5: DOGS and GUIDE DOGS

Lot 6: DAIRY CATTLE

Lot 7: GOATS

Lot 8: HORSE/PONY

Lot 9: RABBITS/CAVIES

Lot 10: SHEEP

Lot 11: SMALL LAB ANIMALS, PETS

Lot 12: SWINE

Lot 13: ALPACAS AND LLAMAS

Lot 14: EMUS AND OSTRICHES

**CLASS GCA - CROPS/WEEDS**

Lot 1: THRESHED CEREALS - wheat, oats or barley, 1 quart in a clear class jar, any variety properly named

Lot 2: SHEAF GRAIN - neatly prepared, tied securely with bands in three places, measuring at least three inches at the butt, any variety properly named.

Lot 3: FIELD CORN or GRAIN CORN - sheaf - three stocks of silage corn, any variety, properly named.

Lot 4: FIELD CORN or GRAIN CORN - ear - one tray any variety, properly named (minimum three ears).

Lot 5: SUGAR BEETS - three sugar beets, any variety, properly named.

Lot 6: DRY BEANS - field beans, snap, string or lima, 1 quart (ripe) in a clear glass jar, any variety, properly named.

*Enter one of the following weed exhibits:*

Lot 7: 1<sup>st</sup> Year - plants and seeds of any 10 weeds collected by the member, properly mounted and identified.

Lot 8: 2<sup>nd</sup> Year - plants and seeds of 10 weeds collected by the member properly mounted and identified, three of which must be from the Utah noxious weed list.

Lot 9: 3<sup>rd</sup> Year - Plants and seeds of 20 weeds collected by the member properly mounted and identified, five of which must be from the Utah noxious weed list.

**CLASS GCB - FLOWER GARDENING/HOUSE PLANTS**

*The number of flowers required for each exhibit follows each flower type.*

## **FLOWER GARDENING**

- Lot 1: ANNUALS – 3 or more stems each from any type or variety annual.
- Lot 2: PERENNIALS – 3 stems of any type or variety perennial.
- Lot 3: GLADIOLI – single stem, named variety.
- Lot 4: BORDER AND ROCK PLANTS – 3 clusters.
- Lot 5: DAHLIAS AND ZINNIAS – single specimen, named variety.
- Lot 6: EVERLASTINGS AND OTHERS FOR DRYING – single specimen, named variety.
- Lot 7: MARIGOLDS – 3 blossoms, named variety
- Lot 8: PANSIES – 3 blossoms, named variety
- Lot 9: PETUNIAS – 3 blossoms, named variety
- Lot 10: FLOWERING VINES – 3 specimens, named variety
- Lot 11: ROSES – *All foliage and thorns removed from stems to the first bud, cluster, or flower, except for shrub and species* - 3 blossoms, named variety
- Lot 12: LILIES – *All foliage removed from stem* – 1 stem, named variety
- Lot 13: SUNFLOWERS – single specimen, named variety
- Lot 14: MISCELLANEOUS – 3 blossoms, named variety
- Lot 15: GENERAL GARDEN DISPLAY – Largest number of different flower species, best collection of 6 different flower species, best bloom in your garden
- Lot 16: FRESH ARRANGEMENTS -- Cut fresh; all dimensions of arrangement must be no greater than 5"; fresh arrangement in unusual container
- Lot 17: DRIED ARRANGEMENTS -- Dried flower arrangement or dried arrangement in unusual container

## **HOUSE PLANTS**

- Lot 18: Indoor potted plant, flowering – *Cultivated for attractiveness and abundance of the flower* – eg. African violet, geranium, orchids, miniature roses, other
- Lot 19: Collection of indoor potted plants, flowering – *Cultivated for attractiveness and abundance of the flowers* -- same plants as above
- Lot 20: Indoor potted plant, foliage – *Cultivated for its interesting and attractive foliage* – eg. Cacti and succulents, coleus, ferns, ivy and vines
- Lot 21: Collection of indoor potted plants, foliage – *Cultivated for their interesting and attractive foliage* -- same plants as above

## **CLASS GCC - GARDENS - FRUIT/VEGETABLE**

GARDEN FRUITS and VEGETABLES - *Any garden fruit or vegetable grown by a 4-H participant. Exhibit is to meet stated requirements explained in the Utah 4-H Vegetable Garden Manual. All exhibits entered are to be identified by the variety used. Each participant is allowed to enter up to 2 exhibits in each lot, but must be different varieties. Single exhibits should contain the following number for display:*

- Lot 1: Apples, 3 fruits
- Lot 2: Apricots, 3 fruits
- Lot 3: Beans, lima (fresh), 5 pods
- Lot 4: Beans, snap (fresh), 5 pods
- Lot 5: Beets (fresh, washed, tops off), 3 roots
- Lot 6: Bramble Fruit – raspberries, blackberries, etc, 10 fruits
- Lot 7: Carrots (fresh, washed, tops off), 3 roots
- Lot 8: Cabbage (trimmed), 1 head
- Lot 9: Cauliflower (trimmed), 1 head
- Lot 10: Cantaloupe [Muskmelon] (firm, ripe), 1 fruit
- Lot 11: Celery (trimmed, washed), 1 plant or stalk
- Lot 12: Corn, sweet (husked, table maturity), 3 ears
- Lot 13: Cucumbers (for slicing), 3 fruits
- Lot 14: Eggplants, 1 fruit
- Lot 15: Garlic, 3 cloves
- Lot 16: Grapes, 1 clusters
- Lot 17: Herbs, 3 sprigs
- Lot 18: Lettuce (trimmed), 1 head

- Lot 19: Nuts – peanuts, walnut, hazelnut, pistachio, 10 nuts
- Lot 20: Onions (dry, scales intact), 3 bulbs
- Lot 21: Ornamental Gourds, 1 of a large variety or 3 of a small variety
- Lot 22: Other Small Fruit – strawberries, gooseberries, currants, etc, 10 fruits
- Lot 23: Parsnips (fresh, washed, tops off), 3 roots
- Lot 24: Peas, 5 pods
- Lot 25: Peaches, 3 fruits
- Lot 26: Pears, 3 fruits
- Lot 27: Peppers – Hot Varieties, 3 fruits
- Lot 28: Peppers – Sweet, 3 fruits
- Lot 29: Plums, 3 fruits
- Lot 30: Potatoes, 3 tubers
- Lot 31: Pumpkin (medium size), 1 fruit
- Lot 32: Squash, summer (table maturity), 3 fruits
- Lot 33: Squash, winter (small varieties, mature), 3 fruits
- Lot 34: Squash, winter (large varieties, mature), 1 fruit
- Lot 35: Swiss Chard (roots attached and washed), 1 large plant
- Lot 36: Tomatoes (mature- green, tops on or red, tops off), 3 fruits
- Lot 37: Tomatoes – Cherry Varieties (mature, tops off), 5 fruits
- Lot 38: Tomatoes – Paste Varieties (red, tops off), 3 fruits
- Lot 39: Turnips (fresh, washed, tops off), 3 roots
- Lot 40: Watermelon (firm ripe), 1 fruit
- Lot 41: Any other fruit or vegetable, properly named and prepared. (The number to be entered should be the same as similar fruit/vegetables listed.)
- Lot 42: GARDEN CORNUCOPIA - 4 to 6 kinds of garden fruits and/or vegetables of the number listed above and arranged for group display. Each part of the entry must have the proper variety identified.
- Lot 43: ORGANIZATION PLAN FOR GARDEN PROJECT - *This project is especially for members in counties where the harvest may be over or where fruits and vegetables may not yet have matured. Using any form (i.e. computer disk with printout, poster, or notebook), member is to present their plan for planting a garden and harvesting the produce. List (or diagram) garden size and directional exposure; the location, date, and amount and variety of seed to be planted; anticipated costs for water, fertilizer, seeds and plants; and anticipated use of the harvest.*
- Lot 44: VEGETABLE CREATURE - Create your own creature using a variety of fruits and vegetables. Seeds, nuts, and edible flowers are also okay. Please include the title. At least half of the creature must be from produce grown by the 4-Her.

#### **CLASS GCD - ORNAMENTAL HORTICULTURE**

- Lot 1: Landscape plan indicating the flower, trees, and shrubs to be planted.
- Lot 2: Poster, notebook or other display item that compares plants and their ornamental use.
- Lot 3: Other item related to Ornamental Horticulture not listed above.

## **DIVISION H - SCIENCE AND TECHNOLOGY**

#### **CLASS HA - SCIENCE & TECHNOLOGY LITERACY**

- Lot 1: Poster or other display item on what was learned in a science and technology project.
- Lot 2: Model using Lego's or other materials to demonstrate a scientific or technological aspect.

#### **CLASS HB - BIOLOGICAL SCIENCES**

- Lot 1: Animal Science
- Lot 2: Aquatic Science
- Lot 3: Marine Science
- Lot 4: Meat Science
- Lot 5: Plant Science

### **CLASS HBC - ENTOMOLOGY AND BEES**

- Lot 1: BEGINNER - Box of insects containing at least 10 different adult insects, grouped in at least 2 named orders.
- Lot 2: UNIT I - Boxes of insects containing at least 25 different adult insects, grouped in at least 5 named orders.
- Lot 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.
- Lot 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.
- Lot 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.
- Lot 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).
- Lot 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).
- Lot 8: SPECIAL INDIVIDUAL EXHIBIT - Individual exhibit open to any age qualified to enter the State Fair as a second display or as an advanced entomology unit project. Displays can not have been previously exhibited at the State Fair.
- Lot 9: INSECT EDUCATIONAL DISPLAY - illustrate principles of entomology such as: where insects live, what insects eat, insect growth and development, etc. Displays may include areas of beekeeping, ant farms, insect damage, IPM projects or any other special project.

*4-H HONEY COMPETITION - honey must be from bees managed by the 4-H member and produced during the current year--(since previous State Fair). Honey may be entered in 2 categories:*

- Lot 10: EXTRACTED HONEY – should be in a pint jar
- Lot 11: ROUND OR SQUARE COMB HONEY – comb should be in sections approximately 4”

### **CLASS HBD - FOOD SCIENCE**

- Lot 1: Poster or other display item that compares water acidity in color retention.
- Lot 2: Poster or other display item that compares leavening agents in raised foods.
- Lot 3: Poster or other display item of nutrient content in selected foods.
- Lot 4: Other item related to Food Science not listed above.

### **CLASS HBH - POULTRY SCIENCE/EMBRYOLOGY**

- Lot 1: Display or exhibit of breeding, incubation, hatch percentage.
- Lot 2: Poster or other display item of turkey or chicken growth process from poult or chick stage.
- Lot 3: Other item related to Poultry Science / Embryology not listed above.

### **CLASS HBI - VETERINARY SCIENCE**

- Lot 1: Poster or other display item of wound treatments and healing.
- Lot 2: Poster or other display item of pet care (ie nutrition, exercise, etc..)
- Lot 3: Poster or other display item of diseases that can affect animals, etc.
- Lot 4: Other item related to Veterinary Science not listed above.

### **CLASS HC - TECHNOLOGY & ENGINEERING**

- Lot 1: Automotive
- Lot 2: Bicycle
- Lot 3: Electronics
- Lot 4: GPS (Examples include: Documented GPS Trip, maps and overlays they created using GIS, or service project utilizing GPS/GIS technology.
- Lot 5: Other type of Engineering Project

### **CLASS HCA - AEROSPACE**

- Lot 1: Model rocket.
- Lot 2: Model airplane.
- Lot 3: Kite
- Lot 4: Other item related to Aerospace

### **CLASS HCD - COMPUTER TECHNOLOGY**

Websites, PowerPoint Presentations, and Computer Programs are to be submitted on CD for judging in addition to the exhibit.

- Lot 1: Printout of website created.
- Lot 2: Poster of PowerPoint Presentation.
- Lot 3: Publication or form created.
- Lot 4: Screenshots of program running.
- Lot 5: Printout of blog created.
- Lot 6: Other item related to Computer Technology not listed above.

### **CLASS HCDA – ROBOTICS**

- Lot 1: Programmed robot constructed from Lego's or other building systems.
- Lot 2: Poster or other display item explaining gear ratios.
- Lot 3: Diagram or screen shot of program(s) written for robot using Lego MindStorm or other software.
- Lot 4: Photo or video collection of robots built highlighting and/or comparing features of each.
- Lot 5: Other item related to Robotics not listed above.

### **CLASS HCE - ELECTRIC**

- Lot 1: Diagram of circuitry of farm or home electricity.
- Lot 2: Electric board (ie for quiz system, etc)
- Lot 3: Poster or other display item that compares electricity today and in the past. (ie cost, usage, different methods, etc)
- Lot 4: Other item related to Electricity not listed above.

### **CLASS HCF – ELECTRONICS, GPS, GIS, and HAM RADIO**

- Lot 1: Poster or other display item related to GPS / GIS
- Lot 2: Poster or other display item related to Ham Radio
- Lot 3: Other item related to electronics not listed above.

### **CLASS HCG - ENGINE/TRACTOR/FIELD**

- Lot 1: Diagram of an engine and its operation
- Lot 2: Poster or other display item that compares engine sizes and power.
- Lot 3: Poster or other display item of engine failures and troubleshooting.
- Lot 4: Poster or other display item that compares engine changes throughout history, etc.
- Lot 5: Other item related to Engines not listed above.

### **CLASS HCH – WOODWORKING (carved, engraved, or burned wood should go under BCAW)**

- Lot 1: OWN DESIGN - SMALL: basket or other decorative item, jewelry box, other item.
- Lot 2: OWN DESIGN – LARGE: end table/table; furniture; storage unit;
- Lot 3: Birdhouse
- Lot 4: Items made from a kit

### **CLASS HD - PHYSICAL SCIENCES**

Poster or display *in the following project areas:*

- Lot 1: Biotechnology
- Lot 2: Chemistry.
- Lot 3: Mathematics.
- Lot 4: Physics.

**CLASS HDA - ASTRONOMY**

Lot 1: Collection of constellations and stories of their existence.

Lot 2: Poster, notebook or other display item that compares comet size and appearance throughout history.

Lot 3: Other item related to Astronomy not listed above.