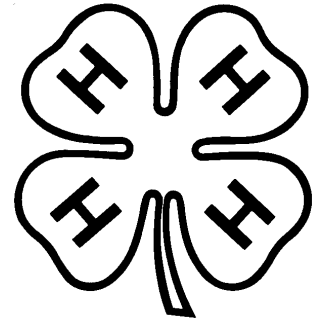


2009
SYLLABUS



**Class Numbers and
Exhibit Requirements for:**

4-H General Projects
Primary Projects
Clothing & Fashion Revue
Child Development
Consumer Savvy
Heritage Arts
Financial Champions
Foods & Cake Decorating
Shooting Sports
Youth Crops

Kit Carson County Fair / Colorado State Fair

DEPARTMENTS:

- H – Youth Crops**
L – 4-H Home Economics
M – General 4-H Projects
JS – Shooting Sports

<u>DEPT.</u>	<u>ENTRY</u>	<u>JUDGING</u>
L – Clothing & Fashion Revue (including Primary Dec Your Duds)	<i>Tuesday, July 28 – 1:00 p.m.</i>	<i>Tuesday, July 28 – 1:00 p.m.</i>
M – General 4-H	<i>Friday, July 31 – 5:00 – 7:00 p.m.</i>	<i>Saturday, Aug. 1 – 8:00 a.m.</i>
M – Primary (excluding Dec Your Duds & Foods)	<i>Friday, July 31 – 5:00 – 7:00 p.m.</i>	<i>Saturday, Aug. 1 – 8:00 a.m.</i>
JS – Shooting Sports	<i>Friday, July 31 – 5:00 – 7:00 p.m.</i>	<i>Saturday, Aug. 1 – 8:00 a.m.</i>
L – Child Dev., Home Env., Financial Champ., Consumer Savvy, Heritage Arts (excluding quilts)	<i>Friday, July 31 – 5:00 – 7:00 p.m.</i>	<i>Saturday, Aug. 1 – 8:00 a.m.</i>
L – Quilts	<i>Saturday, Aug. 1 – 8:00 – 10:00 a.m.</i>	<i>Saturday, Aug. 1 – 10:00 a.m.</i>
L – Foods (including Primary Foods)	<i>Monday, Aug. 3 – 9:00 a.m.</i>	<i>Monday, Aug. 3 – 9:00 a.m.</i>
H – Crops	<i>Thursday, Aug. 6 – 8:00 – 9:30 a.m.</i>	<i>Thursday, Aug. 6 – 10:00 a.m.</i>

PREMIUMS - DEPARTMENTS JS - M - L

Blue Award – \$3.50	Red Award – \$3.00 Primary Award -- \$3.00	White Award – \$2.50
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PREMIUMS - DEPARTMENT H

Blue Award – \$3.00	Red Award – \$2.00	White Award – \$1.00
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Displays for Colorado 4-H Project Exhibits

Hints for Excellent Exhibits & Record Books

NOTE: *Exhibits that exceed project skill, number or size requirements will not be considered for champion, reserve champion, or blue placing.*

DEPARTMENT L

CONSUMER SCIENCE

DEPT. L – CAKE DECORATING

4-H PROJECT EXHIBIT RULES:

1. Eligibility: Exhibitors in the divisions of this department must be bona fide members of Colorado 4-H whose project work and records are certified up-to-date and eligible by the appropriate Extension agent. In addition, exhibitors must be at least eight years of age, must not have reached their 19th birthday prior to December 31st of the current enrollment year and must satisfy other eligibility requirements (if specified) for a class, to compete in that class.
2. 4-H members may enter only once in the same class.
3. Members must be enrolled in the project (these projects may be broken down into units, levels or categories) in which they exhibit.
4. 4-H E-Records may be completed by pencil, ink, or computer. The choice will not affect judging.
5. Display board must meet the specifications. The standardized display board size of 4' x 3' is to be used for 4-H projects.
6. Projects are divided by Junior, Intermediate and Senior age groups. The age for Juniors is 8-10, Intermediates is 11-13, and Seniors is 14-18.
7. All projects will be judged on the Danish System. All exhibits will be placed in a blue, red or white group and receive ribbons accordingly.
8. Champion and Reserve Champion ribbons shall be awarded if applicable. Grand Champion and Reserve Grand Champion exhibitors will be declared in each project from designated class champions. In the Junior, Intermediate and Senior divisions, a Grand Champion will be selected from all champions from each age category. The remaining class Champions and Reserve Champion exhibits in the class from which the Grand Champion was chosen will be eligible for Reserve Grand Champion consideration.
9. Only the first place exhibit in each project unit will be eligible to exhibit at State Fair and will be awarded a Unit Champion ribbon; second overall projects will receive a Unit Reserve Champion ribbon.
10. All parts of the exhibit must be labeled with exhibitor's name, address, age and county. All exhibits must be accompanied by a completed entry tag.
11. Exhibits that do not meet exhibit standards and requirements will not be considered for Champion or Reserve Champion.
12. No binders with slider closures will be allowed.

NOTE: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules:

1. Cake should be placed on a very firm, disposable surface, cut parallel to the shape of the cake and no more than 1 1/2" on each side from the base of the border, not the cake. The surface should be covered. Freezer paper is not advised because it absorbs grease. Covering must be food safe.
2. Real cakes are required for Units 1, 2 and 4. Cake forms are preferred for Units 3, 5 and 6 as they hold up better under Fair conditions.
3. Lower units (1-4) in Cake Decorating should not use Royal Icing or Rolled Fondant as the base frosting. No non-edible items in Units 1, 2, 3, 4 and 5.
4. Exhibits requiring over a 2' x 2' exhibit area must be checked with the Superintendent
5. Cakes will not be cut for judging.

CLASS 1. UNIT 1 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 1. occasion for use
 2. size or shape
 3. cake or cake form
 4. techniques used
 5. tips used and where
 6. edible materials used
 7. cost to buy similar cake
 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake on the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- D. One decorated single layer 8" or 9" square or round, or 9"x13" cake using no decorator tips. (Edible materials such as candies, pretzels and coconut should be used to create a design.) A portion of the smooth base frosting should be visible.

CLASS 2. UNIT 1 – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 3. UNIT 1 – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 4. UNIT 2 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 - 1. occasion for use
 - 2. size or shape
 - 3. cake or cake form
 - 4. techniques used
 - 5. tips used and where
 - 6. edible materials used
 - 7. cost to buy similar cake
 - 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake in the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- D. One decorated character cake (an entire cake which resembles the shape of a character or object made without cutting, other than a classic square, round, oblong, heart, hexagon, oval or petal cake shape). Three-dimensional cakes are acceptable—primarily decorated with the star tip or other tips appropriate to the design.

CLASS 5. UNIT 2 – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 6. UNIT 2 – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 7. UNIT 3 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 - 1. occasion for use
 - 2. size or shape
 - 3. cake or cake form
 - 4. techniques used
 - 5. tips used and where
 - 6. edible materials used
 - 7. cost to buy similar cake
 - 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake in the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- D. One 8", 9" or 10" decorated two-layer (layers of the same size) cake form or cake using 3-5 different types of tips (writing, star and leaf tips must be used) in decorating. Do not use flowers made on a flower nail or materials other than icing.

CLASS 8. UNIT 3 – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 9. UNIT 3 – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 10. UNIT 4 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 - 1. occasion for use
 - 2. size or shape
 - 3. cake or cake form
 - 4. techniques used
 - 5. tips used and where
 - 6. edible materials used
 - 7. cost to buy similar cake
 - 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake in the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- D. One decorated, cut-up cake using three different types of decorator tips (not different sizes of the same tips). (Edible materials may also be used—non-edible materials cannot be used.) Cake board must be cut parallel to the shape of the cake and not exceed the 2'x2' maximum limit. Non-edible internal supports are allowed but must not show.

CLASS 11. UNIT 4 – Intermediates

Exhibit requirements the same as for UNIT 4 – Juniors

CLASS 12. UNIT 4 – Seniors

Exhibit requirements the same as for UNIT 4 – Juniors

CLASS 13. UNIT 5 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 - 1. occasion for use
 - 2. size or shape
 - 3. cake or cake form
 - 4. techniques used
 - 5. tips used and where
 - 6. edible materials used
 - 7. cost to buy similar cake
 - 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake on the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.

- D. One decorated two-layer 8", 9", 10" cake form or cake, using a minimum of one flat surface flower, one flower made on a flat flower nail, one border and one side trim learned in this unit.

CLASS 14. UNIT 5 – Intermediates

Exhibit requirements the same as for UNIT 5 – Juniors

CLASS 15. UNIT 5 – Seniors

Exhibit requirements the same as for UNIT 5 – Juniors

CLASS 16. UNIT 6 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 1. occasion for use
 2. size or shape
 3. cake or cake form
 4. techniques used
 5. tips used and where
 6. edible materials used
 7. cost to buy similar cake
 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake in the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- D. One decorated two-layer 8", 9", 10" cake form or cake, using an example of string work and a flower made on a lily flower nail. Figure piping should be reported in the E-Record on the Specific Project Information page.

CLASS 17. UNIT 6 – Intermediates

Exhibit requirements the same as for UNIT 6 – Juniors

CLASS 18. UNIT 6 – Seniors

Exhibit requirements the same as for UNIT 6 – Juniors

CLASS 19. UNIT 7 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 1. occasion for use
 2. size or shape
 3. cake or cake form
 4. techniques used
 5. tips used and where
 6. edible materials used
 7. cost to buy similar cake
 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake on the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.

- D. One decorated cake or cake form of three or more tiers of graduated sizes, using supports. Separator plates and pillars may be used, but are not required.

CLASS 20. UNIT 7 – Intermediates

Exhibit requirements the same as for UNIT 7 – Juniors

CLASS 21. UNIT 7 – Seniors

Exhibit requirements the same as for UNIT 7 – Juniors

CLASS 22. UNIT 8 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record on the four required cakes:
 1. occasion for use
 2. size or shape
 3. cake or cake form
 4. techniques used
 5. tips used and where
 6. edible materials used
 7. cost to buy similar cake
 8. any problems you had

Be sure to put the cost of your four cakes and exhibit cake on the expense page in the E-Record.

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- D. One decorated, molded or shaped object (may be a cake, a cake form or an independent display).

CLASS 23. UNIT 8 – Intermediates

Exhibit requirements the same as for UNIT 8 – Juniors

CLASS 24. UNIT 8 – Seniors

Exhibit requirements the same as for UNIT 8 – Juniors

CLASS 25. UNIT 9 – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with emphasis on your accomplishments in the story presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Written description of your project.
 - a. goals
 - b. plans
 - c. accomplishments
 - d. evaluation
- C. If an item was made as part of your project, a sample may be displayed (2' x 2' in size) and no more than three items. Each item must be labeled with your county, county number, name, and age.

CLASS 26. UNIT 9 – Intermediates

Exhibit requirements the same as for UNIT 9 – Juniors

CLASS 27. UNIT 9 – Seniors

Exhibit requirements the same as for UNIT 9 – Juniors

DEPT. L – CHILD DEVELOPMENT

Note: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules:

1. Each piece must be labeled with exhibitor name, age and county.
2. If the project exhibit contains multiple parts, all pieces of the exhibit must be in a secure container or bag no larger than 22" x 14" x 9" (or an overall size of 45") which has handles that allow it to be easily carried. An exhibit with multiple parts should have **NO MORE THAN 10 ITEMS**.
3. The standardized display board size of 4'x3' is to be used for all 4-H projects. All other exhibits should fit within a 2'x2'x2' space.
4. Manual and records must be securely fastened in a sturdy binder/or small three-ringed notebook. No binder/notebooks with slider closures are allowed.

CLASS 28. UNIT 3 – Arts & Crafts – Intermediates (Ages 11-13)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Intermediate Child Development Manual with completed activities in Arts & Crafts Chapter and the completed Exhibit and More To Grow On questions at the end of the Arts & Crafts Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Arts & Crafts Chapter.

CLASS 29. UNIT 3 – Play – Intermediates (Ages 11-13)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Intermediate Child Development Manual with completed activities in Play Chapter and the completed Exhibit and More To Grow On questions at the end of the Play Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Play Chapter.

CLASS 30. UNIT 3 – Music & Rhythm – Intermediates (Ages 11-13)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Intermediate Child Development Manual with completed activities in Music & Rhythm Chapter and the completed Exhibit and More To Grow On questions at the end of the Music & Rhythm Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Music & Rhythm Chapter.

CLASS 31. UNIT 3 – Stories & Poems – Intermediates (Ages 11-13)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Intermediate Child Development Manual with completed activities in Stories & Poems Chapter and completed Exhibit and More To Grow On questions at the end of the Stories & Poems Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Stories & Poems Chapter.

CLASS 32. UNIT 3 – Snacks – Intermediates (Ages 11-13)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Intermediate Child Development Manual with completed activities in Snacks Chapter and the completed Exhibit and More To Grow On questions at the end of the Snacks Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Snacks Chapter.

CLASS 33. UNIT 4 – Guidance & Discipline – Seniors (Ages 14 & older)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Senior Child Development Manual with completed activities in Guidance and Discipline Chapter and the completed Exhibit and More To Grow On questions at the end of the Guidance and Discipline Chapter.
- C. Exhibit based on a More To Grow On activity from the Guidance & Discipline Chapter OR an activity developed by the member that is appropriate for Guidance & Discipline Chapter.

CLASS 34. UNIT 4 – Parties – Seniors (Ages 14 & older)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Senior Child Development Manual with completed activities in Parties Chapter and the completed Exhibit and More To Grow On questions at the end of the Parties Chapter.
- C. Exhibit based on a More To Grow On activity from the Parties Chapter OR an activity developed by the member that is appropriate for Parties.

CLASS 35. UNIT 4 – Mealtime – Seniors (Ages 14 & older)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Senior Child Development Manual with completed activities in Mealtime Chapter and the completed Exhibit and More To Grow On questions at the end of the Mealtime Chapter.
- C. Exhibit based on a More To Grow On activity from the Mealtime Chapter OR an activity developed by the member that is appropriate for Mealtime.

CLASS 36. UNIT 4 – Safety – Seniors (Ages 14 & older)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Senior Child Development Manual and the completed Exhibit and More To Grow On questions at the end of the Safety Chapter.
- C. Exhibit based on a More To Grow On activity from the Safety Chapter OR an activity developed by the member that is appropriate for Safety.

CLASS 37. UNIT 4 – Careers – Seniors (Ages 14 & older)

Exhibit will consist of the following:

- A. Completed E-Record and Child Development Manual presented in a sturdy binder/notebook.
- B. Senior Child Development Manual with completed activities in Careers Chapter and the completed Exhibit and More To Grow On questions at the end of the Careers Chapter.
- C. Exhibit based on a More To Grow On activity from the Careers Chapter OR an activity developed by the member that is appropriate for Careers.

DEPT. L – CLOTHING CONSTRUCTION

Note: Please read 4-H Project Exhibit Rules on page 1.

- 1. Requirement: All exhibit garments must be labeled with name, age, county and unit of the 4-H member. Labels must be attached at the inside of the neckline or at the waistband of skirts and pants. Information must be written or typed on a label and securely attached to inside of garment. This will assist in case of property loss.
- 2. The garments may be worn before exhibiting but should be in good and clean condition.
- 3. In Units 1-4, sergers may be used as a seam finish only, not as a seam.
- 4. Due to the difficulty of skills involved, buttonholes and button loops are to be used in Unit 4 and above only.
- 5. In Units 2-4, clothing is defined as wearable, dressy or casual wear, active/sportswear, or sleepwear. An exhibit shall consist of no more than three coordinated pieces. No accessory items, i.e. shoes, scarves, hats, etc., (except Unit 1 if using a pattern from the manual).
- 6. Pattern instruction sheet is required and must be attached securely to the E-Record. Write name and county on pattern instruction sheet.
- 7. Do not use binders that are clear plastic with sliders.
- 8. Members are encouraged to select a unit that challenges their skills. All units will be judged on required skills included in the manual.

Note: All Colorado State Fair silk items or garments will be displayed only with "permission to display" form which acknowledges possible fading caused by state fair display lighting. Permission to display forms are available at the Extension offices.

CLASS 38. UNIT 1 – Beginning Clothing – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet (not needed if using pattern from manual) presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. A list of all the garments or articles made.
 - 2. Percent of fiber content of each garment or article made.
 - 3. Care of garment exhibited.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. One article or item illustrating the skills learned in Unit 1. Exhibits must use a firmly-woven, medium-weight cotton or at least 50-percent cotton-blend fabric. Exhibit should be a simple pattern with two or three pattern pieces. Exhibit should not include zippers, buttons and buttonholes or other closures, facings, interfacings or use of bias.

CLASS 39. UNIT 1 – Beginning Clothing – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 40. UNIT 1 – Beginning Clothing – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 41. UNIT 2 – Beginning Clothing – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. A list of all the garments or articles made.
 - 2. Percent of fiber content of each garment or article made.
 - 3. Care of garment exhibited.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. A garment or outfit (without collars, set-in sleeves or buttonholes) illustrating the use of a commercial pattern and one or more of the following techniques: facings, darts, no-ease sleeves, fasteners (not buttonholes or button loops), or bias application in firmly woven, medium-weight cotton or at least 50-percent cotton-blend fabric. The exhibit should not include sewing techniques used in higher units.

CLASS 42. UNIT 2 – Beginning Clothing – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 43. UNIT 2 – Beginning Clothing – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 44. UNIT 3 – Beginning Clothing – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record.
 - 1. A list of all the garments or articles made.
 - 2. Percent of fiber content of each garment or article made.
 - 3. Care of garment exhibited.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. A garment or outfit illustrating one or more of the following construction techniques learned in Unit 3: set-in sleeves without cuffs, waist treatments and zippers in cotton or at least 50-percent cotton-blend woven or knit fabric. (Set-in sleeves are any kind of sleeve dealing with excess fabric in the sleeve cap, not a straight seam.)

CLASS 45. UNIT 3 – Beginning Clothing – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 46. UNIT 3 – Beginning Clothing – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 47. UNIT 4 – Beginning Clothing – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record.
 - 1. A list of all the garments or articles made.
 - 2. Percent of fiber content of each garment or article made.
 - 3. Care of garment exhibited.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. A garment or outfit illustrating two or more of the following techniques: cuffs, plackets, collars, and buttons and buttonholes. Advanced techniques may be done in addition to the two or more required techniques in cotton or at least 50-percent cotton-blend woven or knit fabric.

CLASS 48. UNIT 4 – Beginning Clothing – Intermediates

Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 49. UNIT 4 – Beginning Clothing – Seniors

Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 50. UNIT 7 – Sewing for Others – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in the project story:
 - 1. Why you chose to exhibit this item.
 - 2. Who you made the garment(s) for and why.
 - 3. What new skills you learned this year.
 - 4. What you liked best about your project.
 - 5. What would you like to change?
 - 6. What you learned about sewing for others. (Did you have any special pattern alterations? If so, describe.)
 - 7. Will you continue to sew for others? Why or why not?
 - 8. Did you charge for making the garment/outfit? (If so, what you included in the billing: i.e., fabric, notions, interfacing, utilities, time, mileage, etc.)
 - 9. What other work have you done in this project?
- B. Include the following information on the Specific Project Information Page in the E-Record.
 - 1. A list of all the garments or articles made.
 - 2. Percent of fiber content of each garment or article made.
 - 3. Care of garment exhibited.
- C. One garment or outfit which illustrates what was learned.

CLASS 51. UNIT 7 – Sewing for Others – Intermediates

Exhibit requirements the same as for UNIT 7 – Juniors.

CLASS 52. UNIT 7 – Sewing for Others – Seniors

Exhibit requirements the same as for UNIT 7 – Juniors.

CLASS 53. UNIT 8 – Recycled Clothing – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story what you learned about recycling, the fiber content and/or care label of original item, any special problems and how you overcame them.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. A list of all the garments or articles made.
 - 2. Percent of Fiber content of each garment or article made.
 - 3. Care of garment exhibited.
- C. Include the cost of each garment in the Expense record of the E-Record.
- D. One garment or outfit which illustrates what was learned.

CLASS 54. UNIT 8 – Recycled Clothing – Intermediates

Exhibit requirements the same as for UNIT 8 – Juniors.

CLASS 55. UNIT 8 – Recycled Clothing – Seniors

Exhibit requirements the same as for UNIT 8 – Juniors.

CLASS 56. UNIT 21 – Cotton/Cotton Blend - Intermediates

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. List of all garments made.

2. Percent of fiber content of each garment.
 3. Care of garment exhibited.
 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. A garment or outfit of fabric containing a majority of 50-100% cotton.

CLASS 57. UNIT 21 – Cotton/Cotton Blend – Seniors
Exhibit requirements the same as for UNIT 21 – Intermediates

CLASS 58. UNIT 22 – Synthetics/Rayon – Intermediates
Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
1. List of all garments made.
 2. Percent of fiber content of each garment.
 3. Care of garment exhibited.
 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. One garment or outfit of fabric containing 50-100% of synthetic fibers.

CLASS 59. UNIT 22 – Synthetics/Rayon – Seniors
Exhibit requirements the same as for UNIT 22 – Intermediates

CLASS 60. UNIT 23 – Wool/Wool Blend – Intermediates
Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
1. List of all garments made.
 2. Percent of fiber content of each garment.
 3. Care of garment exhibited.
 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. One garment or outfit of fabric containing 50-100% of wool and wool-blend fibers.

CLASS 61. UNIT 23 – Wool/Wool Blend – Seniors
Exhibit requirements the same as for UNIT 23 – Intermediates

CLASS 62. UNIT 24 – Silk/Silk-Like – Intermediates
Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
1. List of all garments made.
 2. Percent of fiber content of each garment.
 3. Care of garment exhibited.
 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. Please include a signed permission to display form, which acknowledges possible fading caused by state fair display lighting.
- F. One garment or outfit of fabric containing 50-100% of:
1. Silk or
 2. Silk-like fabric—a fabric of any fiber content that is very lightweight with a slick feel.

CLASS 63. UNIT 24 – Silk/Silk-Like – Seniors
Exhibit requirements the same as for UNIT 24 – Intermediates

CLASS 64. UNIT 25 – Leather/Leather Techniques – Intermediates
Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
1. List of all garments made.
 2. Percent of fiber content of each garment.
 3. Care of garment exhibited.
 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. One garment or outfit of leather or leather-like fabric using leather construction techniques.

CLASS 65. UNIT 25 – Leather/Leather Techniques – Seniors
Exhibit requirements the same as for UNIT 25 – Intermediates

CLASS 66. UNIT 26 – Fur/Fur Techniques – Intermediates

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. List of all garments made.
 - 2. Percent of fiber content of each garment.
 - 3. Care of garment exhibited.
 - 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. One garment of fur or fur-like fabric using fur construction techniques.

CLASS 67. UNIT 26 – Fur/Fur Techniques – Seniors

Exhibit requirements the same as for UNIT 26 - Intermediates

CLASS 68. UNIT 27 – Linen, Ramie & Hemp – Intermediates

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.
- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. List of all garments made.
 - 2. Percent of fiber content of each garment.
 - 3. Care of garment exhibited.
 - 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. One garment or outfit containing 50-100% linen, ramie and/or hemp.

CLASS 69. UNIT 27 – Linen, Ramie & Hemp – Seniors

Exhibit requirements the same as for UNIT 27 - Intermediates

CLASS 70. UNIT 28 – Specialty Fabrics – Intermediates

Exhibit will consist of the following:

- A. Completed E-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the E-Record on the Expense page.

- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. List of all garments made.
 - 2. Percent of fiber content of each garment.
 - 3. Care of garment exhibited.
- 4. Textile experiments—using the garment’s fashion fabric and others as listed in the instruction from the Textile Experiment Manual.
- D. Include the cost of each garment in the Expense record of the E-Record.
- E. One garment or outfit using a specialty fabric such as sequined, beaded, fleece, etc.

CLASS 71. UNIT 28 – Specialty Fabrics – Seniors

Exhibit requirements the same as for UNIT 28 – Intermediates

DEPT. L – ARTISTIC CLOTHING

Note: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules:

- 1. Requirement: All exhibit garments must be labeled with name, age, and county and unit of the 4-H member. Labels must be attached at the inside of the neckline or at the waistband of skirts and pants. Information must be written on a label and securely attached to garment or article. This will assist in case of property loss.
- 2. Garments may be worn before exhibiting but should be in good, clean condition.
- 3. An exhibit shall consist of no more than three coordinated pieces. (No accessory items, i.e. shoes, jewelry, hats, etc.)
- 4. Do not use covers that are clear plastic with sliders.
- 5. Members are encouraged to select a unit that challenges their skills. All units will be judged on required skills included in the manual.
- 6. Note: *All Colorado State Fair silk items or garments will be displayed only with “permission to display” form which acknowledges possible fading caused by state fair display lighting. Permission to display forms are available at the Extension offices.*

CLASS 72. PRIMARY Decorate Your Duds (Youth 5-7)

Exhibit will consist of the following:

- A. Exhibit article.
- B. Completed record book.

CLASS 73. Decorate Your Duds – Applied – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook. Include in the project story where you got the idea for your

project, what you liked best about the project, what you would change, how to clean your project, how the item is to be used and if you recycled or reused any fabric or other materials for your project. If a pattern was used, please include the pattern instruction sheet.

- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. A list of all garments made.
 - 2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item.
- C. Up to three coordinated wearable garments (no accessory items, i.e. shoes, jewelry, etc.) Decoration is attached by gluing, fusing or painting. Examples: jewels, puff paints, appliqué, tie-dye.

CLASS 74. Decorate Your Duds – Applied – Intermediates
Exhibit requirements the same as for Applied – Juniors

CLASS 75. Decorate Your Duds – Applied – Seniors
Exhibit requirements the same as for Applied – Juniors.

CLASS 76. Decorate Your Duds – Stitched – Juniors
Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, what you would change, how to clean your project, how the item is to be used and if you recycled or reused any fabric or other materials for your project. If a pattern was used, please include the pattern instruction sheet.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. A list of all garments made.
 - 2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item.
- C. Up to three coordinated wearable garments (no accessory items, i.e. shoes, jewelry). Decoration may be hand- or machine-stitched. Examples: appliqué where satin stitch, etc., is used, embroidery, quilting, beading or knitting or crochet (by self or others).

CLASS 77. Decorate Your Duds – Stitched - Intermediates
Exhibit requirements the same as for Stitched – Juniors

CLASS 78. Decorate Your Duds – Stitched - Seniors
Exhibit requirements the same as for Stitched – Juniors

CLASS 79. Decorate Your Duds – Combination – Juniors
Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, what you would change, how to clean your project, how the item is to be used and if you recycled or reused any fabric or other materials for your project. If a pattern was used, please include the pattern instruction sheet.
- B. Include the following information on the Specific Project Information Page in the E-Record:

- 1. A list of all garments made.
 - 2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item.
- C. Up to three coordinated wearable garments (no accessory items, i.e. shoes, jewelry). Decoration includes a significant amount (minimum of 30 percent each) from the two categories on one garment.

CLASS 80. Decorate Your Duds – Combination – Intermediates
Exhibit requirements the same as for Combination – Juniors

CLASS 81. Decorate Your Duds – Combination – Seniors
Exhibit requirements the same as for Combination - Juniors

CLASS 82. UNIT 5 – Creative Sewing – Costumes – Juniors
Exhibit will consist of the following:

- A. Completed E-Record with a description of what was done presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, what you would like to change, how the item will be used and if you recycled or reused any fabric or other materials for your project. If a pattern was used, please include the pattern instruction sheet.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. A list of all garments made.
 - 2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item.
- C. One to three coordinated items illustrating what was learned (costumes, puppets, accessories, toys, stuffed animals, book bags, sleeping bags, etc.)

Note: Small items such as accessories and small doll clothes are to be displayed on a display board.

CLASS 83. UNIT 5 – Creative Sewing – Costumes – Intermediates
Exhibit requirements the same as for UNIT 5 – Costumes – Juniors.

CLASS 84. UNIT 5 – Creative Sewing – Costumes – Seniors
Exhibit requirements the same as for UNIT 5 – Costumes – Juniors.

CLASS 85. UNIT 5 – Creative Sewing – All Other Exhibits – Juniors
Exhibit requirements the same as for UNIT 5 – Costumes – Juniors.

CLASS 86. UNIT 5 – Creative Sewing – All Other Exhibits – Intermediates
Exhibit requirements the same as for UNIT 5 – Costumes – Juniors.

CLASS 87. UNIT 5 – Creative Sewing – All Other Exhibits – Seniors
Exhibit requirements the same as for UNIT 5 – Costumes – Juniors.

CLASS 88. UNIT 7 – Create Your Own – Exploration of Textiles & Clothing – Intermediates
Exhibit will consist of the following:

- A. Completed E-Record that includes a special study with a written report presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you

liked best about the project, what you would like to change, how the item will be used, and if you recycled or reused any fabric or other materials for your project.

- B. Include the following information on the Specific Project Information Page in the E-Record:
1. Written description of your project:
 - a. goals
 - b. plans
 - c. accomplishments
 - d. evaluation
- C. Optional: Constructed article/display related to special study. The standardized display board size of 4' x 3' is to be used for all 4-H projects.

CLASS 89. UNIT 7 – Create Your Own – Exploration of Textiles & Clothing – Seniors

Exhibit requirements the same as for UNIT 7 - Intermediates

CLASS 90. UNIT 8 – Style of Your Own – Discovering Choices – Intermediates

Exhibit will consist of the following:

- A. Completed E-Record and completed manual presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, and what you would like to change.
- B. Include the following information on the Specific Project Information Page in the E-Record:
1. Stepping Out Activities completed: activity number, title of activity, and what you learned.
 2. Looking Good Activities completed: describe what you learned on the activities that you did not choose to exhibit.
- C. One display board illustrating one of the *Looking Good* activities from the manual. The standardized display board size of 4' x 3' is to be used for all 4-H projects.

CLASS 91. UNIT 9 – Style of Your Own – Managing Choices – Seniors

Exhibit requirements the same as for UNIT 8 – Intermediates.

DEPT. L – FASHION REVUE

CLASS 92. UNIT 1 – Beginning Clothing – Junior

CLASS 93. UNIT 1 – Beginning Clothing – Intermediate

CLASS 94. UNIT 1 – Beginning Clothing – Senior

CLASS 95. UNIT 2 – Beginning Clothing – Junior

CLASS 96. UNIT 2 – Beginning Clothing – Intermediate

CLASS 97. UNIT 2 – Beginning Clothing – Senior

CLASS 98. UNIT 3 – Beginning Clothing – Junior

CLASS 99. UNIT 3 – Beginning Clothing – Intermediate

CLASS 100. UNIT 3 – Beginning Clothing – Senior

CLASS 101. UNIT 4 – Beginning Clothing – Junior

CLASS 102. UNIT 4 – Beginning Clothing – Intermediate

CLASS 103. UNIT 4 – Beginning Clothing – Senior

CLASS 104. UNIT 21 – Cotton/Cotton Blend – Intermediate

CLASS 105. UNIT 21 – Cotton/Cotton Blend – Senior

CLASS 106. UNIT 22 – Synthetics/Rayon – Intermediate

CLASS 107. UNIT 22 – Synthetics/Rayon – Senior

CLASS 108. UNIT 23 – Wool/Wool Blend – Intermediate

CLASS 109. UNIT 23 – Wool/Wool Blend – Senior

CLASS 110. UNIT 24 – Silk/Silk-Like – Intermediate

CLASS 111. UNIT 24 – Silk/Silk-Like – Senior

CLASS 112. UNIT 25 – Leather/Leather Techniques – Intermediate

CLASS 113. UNIT 25 – Leather/Leather Techniques – Senior

CLASS 114. UNIT 26 – Fur/Fur Techniques – Intermediate

CLASS 115. UNIT 26 – Fur/Fur Techniques – Senior

CLASS 116. UNIT 27 – Linen/Ramie/Hemp – Intermediate

CLASS 117. UNIT 27 – Linen/Ramie/Hemp – Senior

CLASS 118. UNIT 28 – Specialty Fabrics – Intermediate

CLASS 119. UNIT 28 – Specialty Fabrics – Senior

CLASS 120. Decorate Your Duds – Primary

CLASS 121. Decorate Your Duds – Junior

CLASS 122. Decorate Your Duds – Intermediate

CLASS 123. Decorate Your Duds – Senior

CLASS 124. Crochet Heritage Arts – Junior

CLASS 125. Crochet Heritage Arts – Intermediate

CLASS 126. Crochet Heritage Arts – Senior

CLASS 127. Knitting Heritage Arts – Junior

CLASS 128. Knitting Heritage Arts – Intermediate

CLASS 129. Knitting Heritage Arts – Senior

DEPT. L – CONSUMER SAVVY

Note: Please read 4-H Project Exhibit Rules on page 1. *Project intended for Intermediate and Senior 4-H members only.*

CLASS 130. UNIT 1 – The Consumer in Me - Intermediates

Exhibit will consist of the following

- A. Completed E-Record with manual presented in a sturdy binder/notebook.
- B. A display board illustrating one of the *Savvy Challenge* activities from the manual. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 131. UNIT 1 – The Consumer in Me – Seniors

Exhibit requirements the same as for UNIT 1 – Intermediates

CLASS 132. UNIT 2 – Consumer-Wise – Intermediates

Exhibit requirements the same as for UNIT 1 – Intermediates

CLASS 133. UNIT 2 – Consumer Wise – Seniors

Exhibit requirements the same as for UNIT 1 – Intermediates

CLASS 134. UNIT 3 – Consumer Roadmap – Intermediates

Exhibit requirements the same as for UNIT 1 – Intermediates

CLASS 135. UNIT 3 – Consumer Roadmap – Seniors

Exhibit requirements the same as for UNIT 1 – Intermediates

DEPT. L – FINANCIAL CHAMPIONS

Note: Please read 4-H Project Exhibit Rules on page 1. *Project intended for Intermediate and Senior 4-H members only.*

CLASS 136. UNIT 1 – Money Fun-damentals – Intermediates

Exhibit will consist of the following:

- A. Completed E-Record with manual presented in a sturdy binder/notebook.
- B. A display board illustrating one of the *Champion's Challenge* activities from the manual. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 137. UNIT 1 – Money Fun-damentals – Seniors

Exhibit requirements the same as for UNIT 1 – Intermediates

CLASS 138. UNIT 2 – Money Moves – Intermediates

Exhibit requirements the same as for UNIT 1 – Intermediates

CLASS 139. UNIT 2 – Money Moves – Seniors

Exhibit requirements the same as for UNIT 1 – Intermediates

DEPT. L – FOODS

Note: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules:

1. Include a copy of the recipe used and attached securely to the E-Record. No commercial mixes are to be used.
2. Bring food items on sturdy white paper plates and/or covered heavy cardboard in a zipper-locked bag for display of food exhibits when possible. Plates and pans will not be returned.
3. Only completed E-Records and canned goods will be returned.
4. Food items that show signs of mold growth or need refrigeration would not be safe to eat at time of judging and will not be accepted.

CLASS 140. PRIMARY 4-H Foods (Youth 5-7)

Exhibit will consist of the following:

- A. Four no-bake cookies.
- B. Completed record.

CLASS 141. UNIT 1 – Riddles & Rhymes & Fun Food Times - Juniors

Exhibit will consist of the following:

- A. Completed E-Record with exhibit item recipe presented in a sturdy binder/notebook.
- B. Record all baking in the activity log of the E-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. Four baked, drop or molded cookies of one recipe. (Molded cookies are also made from a stiffer dough that is molded into balls or cookie shapes by hand before baking. Snickerdoodles are an example of molded cookies.)

CLASS 142. UNIT 1 – Riddles & Rhymes & Fun Food Times – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 143. UNIT 1 – Riddles & Rhymes & Fun Food Times – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 144. UNIT 2 – On the Road to Fun & Fitness – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with exhibit recipe presented in a sturdy binder/notebook.
- B. Record all baking in the activity log of the E-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. Four fruit, vegetable or whole-grain muffins of one recipe.

CLASS 145. UNIT 2 – On the Road to Fun & Fitness – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 146. UNIT 2 – On the Road to Fun & Fitness – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 147. UNIT 3 – Fun With Foods – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with exhibit recipe presented in a sturdy binder/notebook.
- B. Record all baking in the activity log of the e-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. One loaf quick bread any size (not yeast bread).

CLASS 148. UNIT 3 – Fun With Foods – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 149. UNIT 3 – Fun With Foods – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 150. UNIT 4 – Food, Fitness & Fun – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with a copy of the original recipe and the modified recipe presented in a sturdy binder/notebook.
- B. Record all your baking in the activity log of the E-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. One loaf any size or four individual items illustrating a modified recipe (not yeast bread).

CLASS 151. UNIT 4 – Food, Fitness & Fun – Intermediates

Exhibit requirements the same as for UNIT 4 – Juniors

CLASS 152. UNIT 4 – Food, Fitness & Fun – Seniors

Exhibit requirements the same as for UNIT 4 – Juniors

DEPT. L – BREADS

CLASS 153. UNIT 11 – Bread – Juniors

Exhibit will consist of the following:

- A. Completed E-Record and exhibit recipe presented in a sturdy binder/notebook.
- B. Include the following information in the Specific Project Information Page in the E-Record;
 1. Bread experiments 1, 2, 3, 6 and 7
 - a. what you did
 - b. what you observed
 - c. what you learned from each experiment
- C. Enter all baking in the activity log of the E-Record. Include the number of times you baked, number of loaves or dozens.
- D. One loaf, any shape, batter yeast bread.

CLASS 154. UNIT 11 – Bread – Intermediates

Exhibit requirements the same as for UNIT 11 – Juniors.

CLASS 155. UNIT 11 – Bread – Seniors

Exhibit requirements the same as for UNIT 11 – Juniors.

CLASS 156. UNIT 12 – Bread – Juniors

Exhibit will consist of the following:

- A. Completed E-Record and exhibit recipe presented in a sturdy binder/notebook.
- B. Include the following information in the Specific Project Information Page in the E-Record:
 1. Bread experiments 4 and 5
 - a. what you did
 - b. what you observed
 - c. what you learned from each experiment
- C. Record all baking in the activity log of the E-Record. Include the number of times you baked, number of loaves or dozens.
- D. Four kneaded yeast rolls of one variety and shape.

CLASS 157. UNIT 12 – Bread - Intermediates

Exhibit requirements the same as for UNIT 12 – Juniors.

CLASS 158. UNIT 12 – Bread – Seniors

Exhibit requirements the same as for UNIT 12 – Juniors.

CLASS 159. UNIT 13 – Bread – Juniors

Exhibit will consist of the following:

- A. Completed E-Record and exhibit recipe presented in a sturdy binder/notebook.
- B. Include the following information in the Specific Project Information Page in the E-Record.
 1. Bread experiments 8, 10 and 12
 - a. what you did
 - b. what you observed
 - c. what you learned from each experiment
- C. Enter all baking in the activity log of the E-Record. Include the number of times you baked, number of loaves or dozens.
- D. One standard-size loaf kneaded yeast bread of any variety.

CLASS 160. UNIT 13 – Bread – Intermediates

Exhibit requirements the same as for UNIT 13 – Juniors.

CLASS 161. UNIT 13 – Bread – Seniors

Exhibit requirements the same as for UNIT 13 – Juniors.

CLASS 162. UNIT 14 – Edible Bread – Juniors

Exhibit will consist of the following:

- A. Completed E-Record and exhibit recipe presented in a sturdy binder/notebook.
- B. Include the following information in the Specific Project Information Page in the E-Record.
 1. Bread experiments 9 and 11.
 - a. what you did
 - b. what you observed
 - c. what you learned from each experiment
- C. Enter all baking in the activity log of the E-Record. Include the number of times you baked, number of loaves or dozens.
- D. Creative yeast bread—Edible creative yeast bread (i.e. French bread, French braid, specialty breads such as Swedish tea-ring, bagels, Danish pastry, etc.)

CLASS 163. UNIT 14 – Edible Bread – Intermediates

Exhibit requirements the same as for UNIT 14 – Edible – Juniors

CLASS 164. UNIT 14 – Edible Bread – Seniors

Exhibit requirements the same as for Unit 14 – Edible – Juniors

CLASS 165. UNIT 14 – Non-Edible Bread – Juniors

Exhibit will consist of the following:

- A. Completed e-Record and exhibit recipe presented in a sturdy binder/notebook.
- B. Include the following information in the Specific Project Information Page in the E-Record.
 1. Bread experiments 9 and 11.
 - a. what you did
 - b. what you observed
 - c. what you learned from each experiment
- C. Record all baking in the activity log of the E-Record. Include the number of times you baked, number of loaves or dozens.
- D. Non-edible bread product made from an edible recipe (i.e. bread baskets, centerpieces, etc.)

CLASS 166. UNIT 14 – Non-Edible Bread – Intermediates

Exhibit requirements the same as for UNIT 14 – Non-Edible – Juniors

CLASS 167. UNIT 14 – Non-Edible Bread – Seniors

Exhibit requirements the same as for UNIT 14 – Non-Edible – Juniors

DEPT. L – SPECIALTY FOODS

CLASS 168. UNIT 21 – Baking – Juniors

Exhibit will consist of the following:

- A. Completed E-Record and recipe presented in a sturdy binder/notebook.
- B. Record all baking in the activity log of the E-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. Include in the E-Record story what you learned about the ingredients used in baked products and their importance; what adjustments you made for high altitude; and what food-related career you learned about and how?
- D. Four biscuits of one recipe.

CLASS 169. UNIT 21 – Baking - Intermediates

Exhibit requirements the same as for UNIT 21 – Juniors.

CLASS 170. UNIT 21 – Baking – Seniors

Exhibit requirements the same as for UNIT 21 – Juniors.

CLASS 171. UNIT 22 – Baking – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with exhibit recipe presented in a sturdy binder/notebook.

- B. Record all baking in the activity log of the E-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. Include in the E-Record story what you learned about the ingredients used in baked products and their importance; what adjustments you made for high altitude; and what food-related career you learned about and how?
- D. One non-yeast coffee cake.

CLASS 172. UNIT 22 – Baking – Intermediates

Exhibit requirements the same as for UNIT 22 – Juniors.

CLASS 173. UNIT 22 – Baking – Seniors

Exhibit requirements the same as for UNIT 22 – Juniors.

CLASS 174. UNIT 23 – Baking – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with exhibit recipe presented in a sturdy binder/notebook.
- B. Record all baking in the activity log of the E-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. Include in the E-Record story what you learned about the ingredients used in baked products and their importance; what adjustments you made for high altitude; and what food-related career you learned about and how?
- D. One butter or sponge cake, un-iced.

CLASS 175. UNIT 23 – Baking – Intermediates

Exhibit requirements the same as for UNIT 23 – Juniors.

CLASS 176. UNIT 23 – Baking – Seniors

Exhibit requirements the same as for UNIT 23 – Juniors.

CLASS 177. UNIT 24 – Baking – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with exhibit recipe presented in a sturdy binder/notebook. 4-H members are required to make 4 regular sized pies and document them on the page titled Specific Project Information page.
- B. Record all baking in the activity log of the E-Record. Include the number of times you baked or prepared the item and any special concerns (recipe modification, high altitude).
- C. Include in the E-Record story what you learned about the ingredients used in baked products and their importance; what adjustments you made for high altitude; and what food-related career you learned about and how?
- D. Exhibit options are as follows:
 1. 8” to 9” single crumb crust fruit pie in a disposable pie tin. No pastries using eggs or cream fillings. The fruit filling can be from a can. (Only fruit fillings can be used.) A crumb top may be used.
 2. 8” to 9” double-crust fruit pie made with homemade fruit filling in a disposable pie tin. (Only fruit fillings can be used.) No canned fruit fillings. Fruit fillings only.
 3. 3 options:

- a. 8" to 9" double-crust fruit pie with homemade fruit filling in a disposable pie tin. The upper crust should have either a fancy edge or be lattice. Fruit fillings only.

OR

- b. Two Empanadas/Turnovers—only fruited empanadas and turnovers are accepted..

OR

- c. Two Fancy Pastries – No pastries using eggs or cream fillings (cream puffs, etc.)

CLASS 178. UNIT 24 – Baking – Intermediates

Exhibit requirements the same as for UNIT 24 – Juniors.

CLASS 179. UNIT 24 – Baking – Seniors

Exhibit requirements the same as for UNIT 24 – Juniors.

CLASS 180. UNIT 25 – Outdoor Cooking & Living – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook. Include in the project story what new skills you have learned.
- B. Enter all baking in the activity log of the E-Record. Include the number of times you baked or prepared the item, in what outdoor cooking situation you prepared or baked the item, and any special concerns (recipe modification, high altitude).
- C. One of the following:
 - A box lunch of food-safe products or a representative of the product (pictures of food).
 - One cup of instant drink mix, properly packaged.
 - A display illustrating what was learned about camp set-up or first aid.
 - A piece of equipment made by the exhibitor.

CLASS 181. UNIT 25 – Outdoor Cooking & Living – Intermediates

Exhibit requirements the same as for UNIT 25 – Juniors.

CLASS 182. UNIT 25 – Outdoor Cooking & Living – Seniors

Exhibit requirements the same as for UNIT 25 – Juniors.

CLASS 183. UNIT 30 – Cultural Foods – Intermediates

Exhibit will consist of the following:

- A. Completed E-Record and manual that includes: Activity 1 page 11; Activity 2 page 12; Record pages 13-14, Meal Report pages 15-16 with emphasis in your story about your accomplishments presented in a sturdy binder/notebook.
- B. A food product with recipe representative of the cultural or ethnic group within the United States that you selected.

Note: The food product must be safe to hold at room temperature during judging and display.

CLASS 184. UNIT 30 – Cultural Foods – Seniors

Exhibit requirements the same as for UNIT 30 – Intermediates

CLASS 185. UNIT 35 – Passport to Foreign Cookery – Intermediates

Exhibit will consist of the following:

- A. Completed E-Record and a notebook with research on selected country containing three parts:
 1. A maximum of 10 pages of research and pictures on customs relating to food habits and food sources such as

crops, fishing, etc. Discussion might include food shopping habits, percent of income spent for food, how the area of the country affects diets, etc.

2. A maximum of three pages of other information about the country, i.e. climate, geography, political structure, religion, dress, etc.
3. A maximum of five pages of menus and recipes indicating nutritional balance of a traditional meal plus page 4 in the manual presented in the binder/notebook with the other materials.

- B. A food product with recipe that is representative of the country.

Note: The food product must be safe to hold at room temperature during judging and display.

CLASS 186. UNIT 35 – Passport to Foreign Cookery - Seniors

Exhibit requirements the same as for UNIT 35 – Intermediates

DEPT. L – FOOD PRESERVATION

Note: Please read 4-H Project Exhibit Rules on page 1.

Special Exhibit Rules for Food Preservation:

1. All foods must have been preserved since the last fair by the 4-H member.
2. All canned products must include the following information on the label:
 - a. Name of product
 - b. Method of preparation (type of syrup, type pack, any additional ingredients added) as applies to product canned
 - c. Method of processing (i.e. pressure canner, water bath) and pounds of pressure used if food was pressure canned
 - d. Elevation at which processing was done
 - e. Exact processing time
 - f. Date processed

Examples:

<p>PEACHES ascorbic acid dip hot pack-thin syrup boiling water bath canned 35 minutes at 5,000 feet September 2008</p>	<p>GREEN BEANS hot pack, ½ tsp salt pressure canned at 12 ½ pounds 25 minutes at 5,000 feet July 2009</p>
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3. All dried foods must include the following information on the label:
 - a. Name of product
 - b. Pretreatment used, if any
 - c. Name of additional ingredients added, if any
 - d. Method of drying (oven, dehydrator, solar)
 - e. Total drying time
 - f. Date dried

Examples

APRICOTS
ascorbic-acid-dipped
dehydrator-dried, 8 hours
July 2009

4. Standard canning jars must be used for all canned exhibits. (The brand name, such as Ball or Kerr, imprinted on the side of the jar identifies a standard jar.) Decorative storage containers which have a rubber seal are not acceptable for canning exhibits.
5. While it is best to have screw bands on during transit to and from fair, they should be loosened or removed for judging.
6. Submit two jars each of jam or jelly. One jar will be opened and judged; the other will be exhibited.
7. All preserved foods must follow CSU or USDA recommendations. Jams and jellies should be processed in a boiling water bath.
8. Any jars showing leaks or spoilage will not be judged.

CLASS 187. UNIT 41 – Freezing & Drying – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with menus for two days, designating use of preserved foods, presented in a sturdy binder/notebook.
- B. Record all food preservation in the activity log of the E-Record. Include the number of times, name of product, amount, preparation method and preservation or processing method used.
- C. Two of the following:
 1. Packaging for freezing and explanation of use.
 2. Rotation plan for using foods in the freezer.
 3. Six rolls of fruit leather or six strips of jerky. Jerky recipes must use Colorado State University recommended procedures. Deer and elk meat are to include a copy of test results for Chronic Wasting Disease. (CWD test mandatory and a copy placed in the binder/notebook.)
 4. One-half cup of dried fruit.
 5. One-half cup of dried vegetable.

CLASS 188. UNIT 41 – Freezing & Drying – Intermediates

Exhibit requirements the same as for UNIT 41 – Juniors

CLASS 189. UNIT 41 – Freezing & Drying – Seniors

Exhibit requirements the same as for UNIT 41 – Juniors

CLASS 190. UNIT 42 – Canning & Food Safety – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with menus for two days, designating use of preserved foods, presented in a sturdy binder/notebook.
- B. Record all food preservation in the activity log of the E-Record. Include the number of times, name of product, amount, preparation method and preservation or processing method used.
- C. One of the following:
 1. Two jars of canned fruits (different kind of fruit in each jar).
 2. Two jars of canned vegetables (different kind of vegetable in each jar).
 3. One jar of canned fruit and one jar of canned vegetables.

CLASS 191. UNIT 42 – Canning & Food Safety – Intermediates

Exhibit requirements the same as for UNIT 42 – Juniors.

CLASS 192. UNIT 42 – Canning & Food Safety – Seniors

Exhibit requirements the same as for UNIT 42 – Juniors

CLASS 193. UNIT 43 – Pickles, Relishes, Jams & Jellies – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with menus for two days, designating use of preserved foods, and presented in a sturdy binder/notebook.
- B. Record all food preservation in the activity log of the E-Record. Include the number of times, name of product, amount, preparation method and preservation or processing method used.
- C. Two of the following:
 1. One jar of pickled fruit or vegetable, including chutney.
 2. Two jars of jelly (both must be the same product).
 3. Two jars of jam, conserves, fruit butters, preserves, or marmalades (both must be the same product).
 4. One jar of pickled relish or salsa.

CLASS 194. UNIT 43 – Pickles, Relishes, Jams & Jellies – Intermediates

Exhibit requirements the same as for UNIT 43 – Juniors

CLASS 195. UNIT 43 – Pickles, Relishes, Jams & Jellies – Seniors

Exhibit requirements the same as for UNIT 43 – Juniors

CLASS 196. UNIT 44 – Adv. Food Preservation – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with menus for three days, designating use of preserved foods, and presented in a sturdy binder/notebook.
- B. Record all food preservation in the activity log of the E-Record. Include the number of times, name of product, amount, preparation method and preservation or processing method used.
- C. Three of the following:
 1. One jar of canned vegetables.
 2. One jar of canned fruit.
 3. One jar of pickled product.
 4. Two jars of jam, jelly, conserves, fruit butters, preserves or marmalades (must be the same product).
 5. One-half cup each of two different dried products or one-half cup dried product and six strips of jerky. Jerky recipes must use Colorado State University recommended procedures. Deer and Elk meat are to include a copy of test results for Chronic Wasting Disease. (CWD test mandatory and a copy placed in binder/notebook.)
 6. Report on any phase of food preservation.

CLASS 197. UNIT 44 – Adv. Food Preservation – Intermediates

Exhibit requirements the same as for UNIT 44 – Juniors

CLASS 198. UNIT 44 – Adv. Food Preservation – Seniors

Exhibit requirements the same as for UNIT 44 – Juniors

DEPT. L – HERITAGE ARTS

NOTE: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules:

1. Articles may be worn or used before exhibiting, but should be clean and in good condition when exhibited.
2. All exhibits must have the name, age and county of the 4-H member attached. Information must be written on cloth and attached securely to each garment/piece.

NOTE: Small (less than 6" x 6") or delicate items should be mounted on an 8" x 10" foamcore board.

3. It is to the member's advantage to include in the record a band from the skein of any commercial yarn or thread used in the project. This is helpful to judges when evaluating the project.
4. All exhibits using patterns must have the pattern or a clear copy securely attached to the record, as this is useful to the judges when evaluating the project.

Note: All Colorado State Fair silk items or garments will be displayed only with permission and an acknowledgement of possible fading caused by display lights. If forms are not available or are unsigned, the garment will not be displayed.

5. Members are encouraged to select a project that challenges their skills. There are no specific requirements for exhibit items.
6. All workmanship in Heritage Arts projects must be done by the member. All piecing and quilting must be done by the member.

Note: All exhibits are limited to those that use fiber or fabrics, with the exception of Ethnic Arts, open option.

CLASS 199. Crochet – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. Provide the gauge used for the exhibit on the Specific Project Information page.
- D. One piece or set of up to three coordinated pieces illustrating skills learned.

CLASS 200. Crochet – Intermediates

Exhibit requirements the same as for Crochet – Juniors

CLASS 201. Crochet – Seniors

Exhibit requirements the same as for Crochet – Juniors

CLASS 202. Ethnic Arts – Fiber/Fabric Option – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. One piece or a set of up to three coordinated pieces, comprised of a minimum of 50 percent fiber/fabric illustrating skills learned. (Example: batik, Russian embroidery, yarn or fabric baskets, etc.)

CLASS 203. Ethnic Arts – Fiber/Fabric Option – Intermediates

Exhibit requirements the same as for Fiber/Fabric Option – Juniors

CLASS 204. Ethnic Arts – Fiber/Fabric Option – Seniors

Exhibit requirements the same as for Fiber/Fabric Option – Juniors

CLASS 205. Ethnic Arts – Open Option – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. One piece or a set of up to three coordinated pieces, comprised of a majority of materials (other than fiber/fabric) illustrating skills learned. (Examples: musical instruments, Native American bead work and jewelry, wooden baskets, whittling, etc.)

CLASS 206. Ethnic Arts – Open Option – Intermediates

Exhibit requirements the same as for Open Option – Juniors

CLASS 207. Ethnic Arts – Open Option – Seniors

Exhibit requirements the same as for Open Option – Juniors

CLASS 208. Knitting – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?

- b. How did it start?
- c. Why was it started?
- 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. Include the gauge used for the exhibit on the Specific Project Information page.
- D. One piece or a set of up to three coordinated pieces illustrating what was learned.

CLASS 209. Knitting – Intermediates

Exhibit requirements the same as for Knitting – Juniors

CLASS 210. Knitting – Seniors

Exhibit requirements the same as for Knitting – Juniors

CLASS 211. Needle Arts – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 - 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. One piece or a set of up to three coordinated pieces illustrating what was learned. Exhibit may be framed or mounted.

CLASS 212. Needle Arts – Intermediates

Exhibit requirements the same as for Needle Arts – Juniors

CLASS 213. Needle Arts – Seniors

Exhibit requirements the same as for Needle Arts – Juniors

CLASS 214. Quilting – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 - 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. Include the stitches per inch used for the exhibit on the Specific Project Information page.
- D. One finished item (quilt, wall hanging, pillow top, etc.) or a set of up to three coordinated items illustrating what was learned.

CLASS 215. Quilting – Intermediates

Exhibit requirements the same as for Quilting – Juniors

CLASS 216. Quilting – Seniors

Exhibit requirements the same as for Quilting – Juniors

CLASS 217. Rug Making – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 - 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. One rug (minimum 20" x 24" in size – any technique) illustrating what was learned. Wall hangings and pillow tops are not acceptable.

CLASS 218. Rug Making – Intermediates

Exhibit requirements the same as for Rug Making – Juniors

CLASS 219. Rug Making – Seniors

Exhibit requirements the same as for Rug Making – Juniors

CLASS 220. Spinning – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 - 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. Include a statement on what the end use of the yarn will be on the Specific Project Information Page.
- D. One skein of yarn (minimum of 10 yards in length) illustrating what was learned.

CLASS 221. Spinning – Intermediates

Exhibit requirements the same as for Spinning – Juniors

CLASS 222. Spinning – Seniors

Exhibit requirements the same as for Spinning – Juniors

CLASS 223. Weaving – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?

2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. One piece or a set of up to three coordinated pieces illustrating what was learned.

CLASS 224. Weaving – Intermediates

Exhibit requirements the same as for Weaving – Juniors

CLASS 225. Weaving – Seniors

Exhibit requirements the same as for Weaving – Juniors

CLASS 226. Macrame – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Brief History report about the specific craft you selected:
 - a. Where did it begin?
 - b. How did it start?
 - c. Why was it started?
 2. List references used:
 - a. Juniors (8-10) one or two references
 - b. Intermediates (11-13) two or three references
 - c. Seniors (14 & older) three or more references
- C. One piece or a set of up to three coordinated pieces illustrating what was learned.

CLASS 227. Macrame – Intermediates

Exhibit requirements the same as for Macrame – Juniors

CLASS 228. Macrame – Seniors

Exhibit requirements the same as for Macrame – Juniors

DEPT. L – HOME ENVIRONMENT

Note: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules:

1. Only the current year's records should be submitted.
2. The articles may be used before exhibiting but should be clean and in good condition when exhibited.
3. All exhibit items must have the name, age and county of the exhibitor attached. This information should be attached on the back and at the left-hand corner of the article.

UNITS 1 and 2, Home Environment Description

An accessory is a small decorative piece (not furniture such as end tables, night stands, sofas, chairs or window and floor coverings) which adds spice to a room. Examples: lampshades, picture frames, trays, small jewelry boxes, shadow boxes, small collectibles, vases, candlesticks, etc.

A household item is a small usable piece (not furniture such as end tables, night stands, sofas, chairs or window and floor coverings). Examples: wastebaskets, canisters, planters, foot stools, etc.

CLASS 229. UNIT 1 – Home Environment – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or reusable items you used this year.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Provide pictures of other items made during your project.
- C. Select one of the following using at least 50-percent recycled or reused items (no furniture).
 1. Centerpiece for table
 2. Planter
 3. Room or desk organizer
 4. Decorative accessory for the home (see description)
 5. Household item (see description)
 6. Wall hanging

CLASS 230. UNIT 1 – Home Environment – Intermediate

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 231. UNIT 1 – Home Environment – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 232. UNIT 2 – Home Environment – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or reusable items you used this year.
- B. Complete Color Activity #2 on page 4 of your manual and attach your results as an additional sheet to the E-Record.
- C. Include the following information on the Specific Project Information Page in the E-Record:
 1. Provide pictures of other items made during your project.
- D. A communication board (bulletin board) **OR** select one exhibit item from the following: (no furniture).
 1. Centerpiece for table
 2. Planter
 3. Room or desk organizer
 4. Decorative accessory for the home (see description)
 5. Household item (see description)
 6. Wall hanging

CLASS 233. UNIT 2 – Home Environment – Intermediate

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 234. UNIT 2 – Home Environment – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 235. UNIT 3 – Home Environment – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook, including room scheme. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made and what recycled or reusable items you used this year.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Two or more exhibit photos showing item in place where it will be used and as a part of the total room design.
 - 2. A statement on how you improved your family's safety.
- C. One item or set from the following:
 - 1. A room design
 - 2. A wall hanging
 - 3. One or set of two decorative pillow(s)
 - 4. Table linen
 - 5. Family escape plan

CLASS 236. UNIT 3 – Home Environment – Intermediate

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 237. UNIT 3 – Home Environment – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 238. UNIT 4 – Home Environment – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook, including a brief description of the room scheme and how the accessory fits into the room. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made and what recycled or reusable items you used this year.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Provide pictures or other items made, refurbished or purchased during your project.
 - 2. Provide up to three photos showing exhibit item(s) in use.
- C. An accessory (see definition under Units 1 and 2) which has been made, refurbished or purchased to use in room or home (no furniture)

CLASS 239. UNIT 4 – Home Environment – Intermediate

Exhibit requirements the same as for UNIT 4 – Juniors

CLASS 240. UNIT 4 – Home Environment – Seniors

Exhibit requirements the same as for UNIT 4 – Juniors

CLASS 241. UNIT 5 – Home Environment – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made and what recycled or reusable items you used this year.

- B. Include the following information on the Specific Project Information Page in the E-Record:

- 1. A brief description of the window treatment or bed covering you made or purchased.
- 2. How it fits into the design scheme of the room.

- C. One piece of a window treatment or bed cover, made or purchased.

CLASS 242. UNIT 5 – Home Environment – Intermediate

Exhibit requirements the same as for UNIT 5 – Juniors

CLASS 243. UNIT 5 – Home Environment – Seniors

Exhibit requirements the same as for UNIT 5 – Juniors

CLASS 244. UNIT 6 – Home Environment – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook, including a brief description of the room scheme and how your refinished or refurbished piece fits into the scheme. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made and what recycled or reusable items you used this year.
- B. A refinished or refurbished piece of furniture. To refurbish is to restore a furniture piece to a new look by repairing damage and/or replacing seating or upholstery caused by heavy wear or neglect.
- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. Provide pictures showing the original piece, one during the refinishing or refurbishing process, and one of the completed piece.

CLASS 245. UNIT 6 – Home Environment – Intermediate

Exhibit requirements the same as for UNIT 6 – Juniors.

CLASS 246. UNIT 6 – Home Environment – Seniors

Exhibit requirements the same as for UNIT 6 – Juniors

CLASS 247. UNIT 7 – Design Your Own – Seniors

Exhibit will consist of the following:

- A. Completed E-Record emphasizing your plan and accomplishments in your story presented in a sturdy binder/notebook.
- B. Optional: Article or display representing learning from project. (The standardized display board size of 4' x 3' is to be used for 4-H projects.)
- C. Include the following information on the Specific Project Information Page in the E-Record:
 - 1. A drawing or other copy of a plan for the article exhibited. The drawing or plan should include:
 - a. dimensions
 - b. a list of materials used
 - c. a description of any changes in the article's specifications made by the exhibitor
 - d. reasons for changes must be described

The drawing or plan itself will not be judged. It is only for the judge's use in judging the article exhibited. If the drawing is missing, the exhibit will not be eligible for a top placing.

DEPARTMENT M

ANIMAL SCIENCE

DEPT. M – VETERINARY SCIENCE

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 1. UNIT 1 – From Airedales to Zebras – Juniors

Exhibit will consist of the following:

- A. *From Airedales to Zebras* project manual and E-Record presented in a sturdy binder/notebook including these items: manual with appropriate sections completed, E-Record and other attachments related to activities in the manual. Do a minimum of seven activities, any combination of activities and booster shots. These units may be completed in three years.

Note: List the day, month, and year for the date of completed activities/ booster shots on page 4 of the manual.

- B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 2. UNIT 1 – From Airedales to Zebras – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 3. UNIT 1 – From Airedales to Zebras – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 4. UNIT 2 – All Systems Go – Juniors

Exhibit will consist of the following:

- A. *All Systems Go* project manual and E-Record presented in a sturdy binder/notebook including these items: manual with appropriate sections completed, E-Record and other attachments related to activities in the manual. Do a minimum of seven activities, any combination of activities and booster shots. These units may be completed in three years.

Note: List the day, month, and year for the date of completed activities/booster shots on page 4 of the manual.

- B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 5. UNIT 2 – All Systems Go – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 6. UNIT 2 – All Systems Go – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 7. UNIT 3 – On The Cutting Edge – Juniors

Exhibit will consist of the following:

- A. *On The Cutting Edge* project manual and E-Record presented in a sturdy binder/notebook including these items: manual with appropriate sections completed, E-Record and other attachments

related to activities in the manual. Do a minimum of seven activities, any combination of activities and booster shots. These units may be completed in three years.

Note: List the day, month, and year for the date of completed activities/booster shots on page 4 of the manual.

- B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 8. UNIT 3 – On The Cutting Edge – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 9. UNIT 3 – On The Cutting Edge – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors.

DEPT. M – HORSELESS HORSE

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 10. UNIT 1 – Making Horse Sense – Juniors

Exhibit will consist of the following:

- A. The completed Horseless Horse Unit Manual and E-Record presented in a sturdy binder/notebook.
- B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4' x 3' is to be used for 4-H projects.
- C. No additional items may be included on or in front of display board.

CLASS 11. UNIT 1 – Making Horse Sense – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 12. UNIT 1 – Making Horse Sense – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 13. UNIT 2 – Hooves, Health & Horsemanship – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 14. UNIT 2 – Hooves, Health & Horsemanship – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 15. UNIT 2- Hooves, Health & Horsemanship – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 16. UNIT 3 – Breaking Ground – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 17. UNIT 3 – Breaking Ground – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 18. UNIT 3 – Breaking Ground – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 19. UNIT 4 – Brushing Up On Horses – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 20. UNIT 4 – Brushing Up On Horses – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 21. UNIT 4 – Brushing Up On Horses – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

BIOLOGICAL SCIENCE

DEPT. M – GARDENING

Note: Please read 4-H Project Exhibit Rules on page 1.

The gardening project focuses on activities related to vegetable gardening: planning, planting, experimenting, understanding soils, seeds, insects, plant care, harvesting, processing, exploring careers, etc.

CLASS 22. UNIT 1 – See Them Sprout – Juniors

Exhibit will consist of the following:

- A. A gardening project manual and E-Record presented in a sturdy binder/notebook, including these items: manual with appropriate sections completed, E-Record and other drawings or attachments related to activities in the manual.
- B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 23. UNIT 1 – See Them Sprout – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 24. UNIT 1 – See Them Sprout – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 25. UNIT 2 – Let's Get Growing! – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 26. UNIT 2 – Let's Get Growing! – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 27. UNIT 2 – Let's Get Growing! – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 28. UNIT 3 – Take Your Pick – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 29. UNIT 3 – Take Your Pick – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 30. UNIT 3 – Take Your Pick – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 31. UNIT 4 – Growing Profits, Advanced – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

DEPT. M – WEEDS

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 32. UNIT 1 – Collection & Identification – Juniors

Exhibit will consist of the following:

- A. A completed E-Record and manual with completed Weed Project Log on page 12 presented in a sturdy binder/notebook.
- B. Home-made plant press.
- C. A collection of 15 plant specimens from any of the lists in Appendix A. Include part of the root, stem, leaves and flowers. Plants should be mounted on 11½" x 16½" cardboard, properly labeled, dated and classified according to common and scientific name. Mounts are to be bound together in book fashion.

CLASS 33. UNIT 1 – Collection & Identification – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 34. UNIT 1 – Collection & Identification – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 35. UNIT 2 – Growth Habits & Control – Juniors

Exhibit will consist of the following:

- A. Your completed manual and E-Record, including present and previous weed records, weed control and completed map presented in a sturdy binder/notebook.
- B. Your current year's collection of at least 10 new weeds, mounted on 11½" x 16½" cardboard, properly labeled, dated and classified. Mounts are to be bound together in book fashion.

CLASS 36. UNIT 2 – Growth Habits & Control – Intermediates

Exhibit requirements the same as for UNIT 2 Juniors.

CLASS 37. UNIT 2 – Growth Habits & Control – Seniors

Exhibit requirements the same as for UNIT 2 Juniors.

CLASS 38. UNIT 3 – Noxious Weed Control – Juniors

Exhibit will consist of the following:

- A. Your completed manual and E-Record, including present and previous weed records plus report on three herbicides and weed control presented in a sturdy binder/notebook.
- B. Your current year's weed collection, including at least five noxious and five poisonous weeds, mounted, properly identified and dated. Mounts are to be bound together in book fashion.

CLASS 39. UNIT 3 – Noxious Weed Control – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 40. UNIT 3 – Noxious Weed Control – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 41. UNIT 4 – Advanced Weeds – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with emphasis on your accomplishments in your story presented in a sturdy binder/notebook.

B. Include the following information on the Specific Project Information Page in the E-Record:

1. Written description of your project
 - a. goals
 - b. plans
 - c. accomplishments
 - d. evaluations

C. Exhibit as appropriate for your advanced project.

CLASS 42. UNIT 4 – Advanced Weeds – Intermediates
Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 43. UNIT 4 – Advanced Weeds – Seniors
Exhibit requirements the same as for UNIT 4 – Juniors.

MECHANICAL SCIENCES

DEPT. M – BICYCLE

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 44. UNIT 1 – Bicycling for Fun – Juniors
Exhibit will consist of the following:

- A. Completed project manual and E-Record presented in a sturdy binder/notebook.
- B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 45. UNIT 1 – Bicycling for Fun – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 46. UNIT 1 – Bicycling for Fun – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 47. UNIT 2 – Wheels in Motion – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 48. UNIT 2 – Wheels in Motion – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 49. UNIT 2 – Wheels in Motion – Seniors
Exhibit requirements the same as for Unit 1 – Juniors.

CLASS 50. UNIT 3 – Bicycle Self-Determined – Intermediates
Exhibit requirements the same as for Unit 1 – Juniors.

CLASS 51. UNIT 3 – Bicycle Self-Determined - Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

DEPT. M – COMPUTERS

Note: Please read 4-H Project Exhibit Rules.

1. 4-H members may stay in a unit for more than one year. The exhibit has to be different each year.
2. DO NOT include computer disks or other media that may inadvertently be damaged or rendered inoperable due to the transport of the project or the display process.

NOTE: Not all judging locations will have computer or internet resources available. Display items must be self-contained and capable of being judged "as is." For example: Sample printouts of code developed, multimedia projects created or Web pages/sites developed. No three-dimensional displays will be accepted.

CLASS 52. UNIT 1 – Newbie Know-How – Juniors
Exhibit will consist of the following:

- A. One sturdy binder/notebook that contains the project manual or copy of page 5 – Achievement Program Requirements with explored areas completed (page 5 of the manual) and completed E-Record.
- B. A display board illustrating a topic from the Expand Your Memory in the manual. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 53. UNIT 1 – Newbie Know-How – Intermediates
Exhibit requirements the same as for Unit 1 – Juniors.

CLASS 54. UNIT 1 – Newbie Know-How – Seniors
Exhibit requirements the same as for Unit 1 – Juniors.

CLASS 55. UNIT 2 – Inside the Box – Intermediates
Exhibit will consist of the following:

- A. One sturdy binder/notebook that contains the project manual or a copy of page 5 – Achievement Program Requirements with explored areas completed (page 5 of manual) and completed E-Record.
- B. A display board illustrating a topic from the Expand Your Memory in the manual. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 56. UNIT 2 – Inside the Box – Seniors
Exhibit requirements the same as for Unit 2 – Intermediates

CLASS 57. UNIT 3 – Peer to Peer – Intermediates
Exhibit will consist of the following:

- A. One sturdy binder/notebook that contains the project manual or copy of page 5 – Achievement Program Requirements with explored areas completed (page 5 of manual) and completed E-Record.
- B. A display board illustrating a topic from the Expand Your Memory in the manual. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 58. UNIT 3 – Peer to Peer – Seniors

Exhibit requirements the same as for UNIT 3 – Intermediates.

CLASS 59. UNIT 4 – Teens Teaching Tech – Seniors

Exhibit will consist of the following:

- A. One sturdy binder/notebook with completed E-Record.
- B. A display board illustrating a topic from the Expand Your Memory in the manual. The standardized display board size of 4' x 3' is to be used for 4-H projects.

DEPT. M – ELECTRIC

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 60. UNIT 1 – Magic of Electricity – Juniors

Exhibit will consist of the following:

- A. Completed 4-H Electric project book and E-Record presented in a sturdy binder/notebook.
- B. One article or display board that you have made as a part of this unit of study. (Example: homemade flashlight, simple switch, circuit with two batteries and one light bulb, compass, electromagnet, galvanometer, electric motor, etc.) The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 61. UNIT 1 – Magic of Electricity – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 62. UNIT 1 – Magic of Electricity – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 63. UNIT 2 – Investigating Electricity – Juniors

Exhibit will consist of the following:

- A. Completed 4-H Electric project book and E-Record presented in a sturdy binder/notebook.
- B. One article or display board that you have made as a part of this unit of study. (Example: circuit diagrams with explanation, series circuit, parallel circuit, momentary switch, three-way switch, soldered connection, rocket launcher, burglar alarm, etc.) The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 64. UNIT 2 – Investigating Electricity – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 65. UNIT 2 – Investigating Electricity – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 66. UNIT 3 – Wired for Power – Juniors

Exhibit will consist of the following:

- A. Completed 4-H Electric project book and E-Record presented in a sturdy binder/notebook.

- B. One article or display board which you have made as a part of this unit of study. (Example: electrical tool and supply kit, display of symbols on wires and cables and their meanings, display of light bulbs and the jobs they do best, display board on how to read an appliance name tag, chart showing the electrical usage of appliances, display board on how to replace a switch, etc.) The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 67. UNIT 3 – Wired for Power – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 68. UNIT 3 – Wired for Power – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 69. UNIT 4 – Entering Electronics, Advanced – Seniors

Exhibit will consist of the following:

- A. Completed 4-H Electric project book and E-Record presented in a sturdy binder/notebook.
- B. One article or display board which you made as a part of this unit of study. (Example: display of electronic parts, diode, transistor, light emitting diode (LED), LED flasher photocell alarm, light meter, silicon controlled rectifier (SCR) intruder alarm, 6-8 watt amplifier with integrated circuit, etc.) The standardized display board size of 4' x 3' is to be used for 4-H projects.

DEPT. M – GEOSPATIAL

Note: Please read 4-H Project Exhibit Rules.

- 1. 4-H members can exhibit both as an individual and/or as part of a group. The exhibits need to be different – one exhibit for the individual and a different topic exhibit for the group.

CLASS 70. LEVEL 1 – Setting Out – Juniors

Exhibit will consist of the following two options:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Using the “Take Me on a Tour” activity, create a display and map showing four to six tour sites, geo-tools used to create the map, positional data for the sites, and information about the selected sites,

OR

- C. Using information from the “What Are Geographical Tools?” activity, prepare an exhibit showing and describing ten mapping tools. Explain how the mapping tools are used and why maps are important.
- D. Posters/Maps must be presented on a display board. The standardized display board size of 4' x 3' is to be used for 4-H projects. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

CLASS 71. LEVEL 1 – Setting Out – Intermediates
Exhibit requirements the same as for LEVEL 1 – Juniors.

CLASS 72. LEVEL 1 – Setting Out – Seniors
Exhibit requirements the same as for LEVEL 1 – Juniors.

CLASS 73. LEVEL 2 – On the Trail – Juniors
Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Using the table from the “Take Me on a Tour” activity from Level 1, create a map showing recreational, historical or public service sites in your community. Determine if there is a need for additional community resources. Make written suggestions for what resources should be added and where they should be located on your map.
- C. Posters/Maps must be presented on a display board. The standardized display board size of 4’ x 3’ is to be used for 4-H projects. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

CLASS 74. LEVEL 2 – On the Trail – Intermediates
Exhibit requirements the same as for LEVEL 2 – Juniors.

CLASS 75. LEVEL 2 – On the Trail – Seniors
Exhibit requirements the same as for LEVEL 2 – Juniors.

CLASS 76. LEVEL 3 – Reaching Your Destination - Juniors
Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Create a computer-generated map with layered data that provides information on a community need. Explains how the need was identified; how you gathered information; and your recommendations on how to solve the need. Use the template from “Take Me on a Tour” activity from Level 1, to gather data for the map.
- C. Posters/Maps must be presented on a display board. The standardized display board size of 4’ x 3’ is to be used for 4-H projects. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

CLASS 77. LEVEL 3 – Reaching Your Destination – Intermediates
Exhibit requirements the same as for LEVEL 3 – Juniors.

CLASS 78. LEVEL 3 – Reaching Your Destination – Seniors
Exhibit requirements the same as for LEVEL 3 – Juniors.

CLASS 79. GROUP PROJECTS – Juniors
Exhibit will consist of the following:

- A. At least a one page story about the project including these items: purpose of map, goals, plan, accomplishments, evaluation, and how each person on the team contributed to the project.
- B. Hand drawn or computer generated map (map can be either informational or directional).
- C. Posters/Maps must be presented on a display board. The standardized display board size of 4’ x 3’ is to be used for 4-H projects. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

CLASS 80. GROUP PROJECTS – Intermediates
Exhibit requirements the same as for GROUP Projects – Juniors.

CLASS 81. GROUP PROJECTS – Seniors
Exhibit requirements the same as for GROUP Projects – Juniors.

DEPT. M – MODEL ROCKETRY

Note: Please read 4-H Project Exhibit Rules on page 1.

Note to all units:

1. Rocket exhibits must relate to the skill level for the unit entered. Units 1-4 should include the color picture of the rocket and skill level title from the rocket-kit package as part of their record book. All project material must be organized and secured in a sturdy binder/notebook. Unit 6 must have a copy of plans or blueprints including instructions “step by step” to build the rocket.
2. Fins must be balsa wood and finished with paint in classes indicated.
3. Fins of plastic or other materials must be exhibited in classes so indicated.
4. Rockets are to be displayed and held by a rod or support no taller than the rocket on a base not to exceed 12” x 12” x 1” thick. Only the rocket will be judged. Do not decorate the base.
5. Do not include live or expended engines in the rocket exhibited.
6. If rocket is damaged in launching, it can still be judged for quality of construction, E-Record and pictures.
7. Display rockets cannot be used for Rocket Fly Day competition.
8. Cold power is no longer available to be used as an engine power for rockets.

Note: Please read specific rules for your Unit.

CLASS 82. UNIT 1 – Introduction to Rocketry – Juniors –Balsa Fins Only

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include in the Project Information and Activity Log the following information:
 1. List new skills learned in this unit; list “payloads” launched in this project (other than recovery devices).
 2. List any rocket testing or launching equipment that you built in this unit.
 3. List project meetings or events you led in this unit, and project adventures completed.

C. In the E-Record on the page titled Specific Project Information enter the rockets you built in this unit. Include the following information:

1. Model name; skill level: from a stock kit, modified kit or self-designed-and-built.
2. Power: single-stage, multi-stage; cluster.
3. The fuselage: single-tube or glider rear-engine or glider front-engine or glider canard.
4. Engine information: engine code, label color, and type of recovery system.

D. If the rocket was launched provide the following information on the page titled Specific Project Information in E-Record.

1. Number of times successfully launched; kind of launch pad used.
2. Kind of electrical system used.
3. Tracking method used.
4. Observer's distance from rocket; angle achieved and altitude achieved; any special problems before, during and after launching.
5. What did you do to overcome the problems you encountered.

E. One rocket personally built or other display related to work done at Skill Level 1.

CLASS 83. UNIT 1 – Introduction to Rocketry – Intermediates – Balsa Fins Only

Exhibit requirements the same as for CLASS 82.

CLASS 84. UNIT 1 – Introduction to Rocketry – Seniors – Balsa Fins Only

Exhibit requirements the same as for CLASS 82.

CLASS 85. UNIT 2 – Basic Model Rocketry – Juniors – Balsa Fins Only

Exhibit will consist of the following:

- A. Completed E-Record with completed questions in manual pages 27-31, presented in a sturdy binder/notebook.
- B. Include in the Project Information and Activity Log the following information:
 1. List new skills learned in this unit; list “payloads” launched in this project (other than recovery devices).
 2. List any rocket testing or launching equipment that you built in this unit.
 3. List project meetings or events you led in this unit, and project adventures completed.
- C. In the E-Record on the page titled Specific Project Information enter the rockets you built in this unit. Include the following information:
 1. Model name; skill level: from a stock kit, modified kit or self-designed-and-built.
 2. Power: single-stage, multi-stage; cluster.
 3. The fuselage: single-tube or glider rear-engine or glider front-engine or glider canard.
 4. Engine information: engine code, label color, and type of recovery system.
- D. If the rocket was launched provide the following information on the page titled Specific Project Information in E-Record.
 1. Number of times successfully launched; kind of launch pad used.
 2. Kind of electrical system used.

3. Tracking method used.
4. Observer's distance from rocket; angle achieved and altitude achieved; any special problems before, during and after launching.
5. What did you do to overcome the problems you encountered.

E. One rocket personally built in unit or display related to work done at Skill Level II.

CLASS 86. UNIT 2 – Basic Model Rocketry – Intermediates – Balsa Fins Only

Exhibit requirements the same as for CLASS 85.

CLASS 87. UNIT 2 – Basic Model Rocketry – Seniors – Balsa Fins Only

Exhibit requirements the same as for CLASS 85.

CLASS 88. UNIT 3 – Intermediate Model Rocketry – Juniors – Balsa Fins Only

Exhibit will consist of the following:

- A. Completed E-Record with completed questions in manual pages 31-35 presented in a sturdy binder/notebook.
- B. Include in the Project Information and Activity Log the following information:
 1. List new skills learned in this unit; list “payloads” launched in this project (other than recovery devices).
 2. List any rocket testing or launching equipment that you built in this unit.
 3. List project meetings or events you led in this unit, and project adventures completed.
- C. In the E-Record on the page titled Specific Project Information enter the rockets you built in this unit. Include the following information:
 1. Model name; skill level: from a stock kit, modified kit or self-designed-and-built.
 2. Power: single-stage, multi-stage; cluster.
 3. The fuselage: single-tube or glider rear-engine or glider front-engine or glider canard.
 4. Engine information: engine code, label color, and type of recovery system.
- D. If the rocket was launched provide the following information on the page titled Specific Project Information in E-Record.
 1. Number of times successfully launched; kind of launch pad used.
 2. Kind of electrical system used.
 3. Tracking method used.
 4. Observer's distance from rocket; angle achieved and altitude achieved; any special problems before, during and after launching.
 5. What did you do to overcome the problems you encountered.
- E. One rocket personally built in unit or display related to work done at Skill Level III.

CLASS 89. UNIT 3 – Intermediate Model Rocketry – Intermediates – Balsa Fins Only

Exhibit requirements the same as for CLASS 88.

CLASS 90. UNIT 3 – Intermediate Model Rocketry – Seniors – Balsa Fins Only

Exhibit requirements the same as for CLASS 88.

CLASS 91. UNIT 4 – Advanced Model Rocketry – Juniors – Finished Fins of Any Type

Exhibit will consist of the following:

- A. Completed E-Record with completed questions in manual pages 14-18 presented in a sturdy binder/notebook.
- B. Include in the Project Information and Activity Log the following information:
 1. List new skills learned in this unit; list “payloads” launched in this project (other than recovery devices).
 2. List any rocket testing or launching equipment that you built in this unit.
 3. List project meetings or events you led in this unit, and project adventures completed.
- C. In the E-Record on the page titled Specific Project Information enter the rockets you built in this unit. Include the following information:
 1. Model name; skill level: from a stock kit, modified kit or self-designed-and-built.
 2. Power: single-stage, multi-stage; cluster.
 3. The fuselage: single-tube or glider rear-engine or glider front-engine or glider canard.
 4. Engine information: engine code, label color, and type of recovery system.
- D. If the rocket was launched provide the following information on the page titled Specific Project Information in E-Record.
 1. Number of times successfully launched; kind of launch pad used.
 2. Kind of electrical system used.
 3. Tracking method used.
 4. Observer’s distance from rocket; angle achieved and altitude achieved; any special problems before, during and after launching.
 5. What did you do to overcome the problems you encountered.
- E. One rocket personally built in unit or display related to work done in Skill Level IV.

CLASS 92. UNIT 4 – Advanced Model Rocketry – Intermediates – Finished Fins of Any Type

Exhibit requirements the same as for CLASS 91.

CLASS 93. UNIT 4 – Advanced Model Rocketry – Seniors – Finished Fins of Any Type

Exhibit requirements the same as for CLASS 91.

CLASS 94. UNIT 6 – Designer Model Rocketry – Juniors – Finished Fins of Any Type

Exhibit will consist of the following:

- A. Completed E-Record with design worksheets and completed questions in manual on pages 35-39, presented in a sturdy binder/notebook. Must have a copy of the plans or blueprints on how to build the rocket.
- B. Include in the Project Information and Activity Log the following information:
 1. List new skills learned in this unit; list “payloads” launched in this project (other than recovery devices).

2. List any rocket testing or launching equipment that you built in this unit.
 3. List project meetings or events you led in this unit, and project adventures completed.
- C. If the rocket was launched provide the following information on the page titled Specific Project Information in E-Record.
 1. Number of times successfully launched; kind of launch pad used.
 2. Kind of electrical system used.
 3. Tracking method used.
 4. Observer’s distance from rocket; angle achieved and altitude achieved; any special problems before, during and after launching.
 5. What did you do to overcome the problems you encountered.
 - D. One rocket personally designed, built (no kits) and used in unit or display related to work done.

CLASS 95. UNIT 6 – Designer Model Rocketry – Intermediates – Finished Fins of Any Type

Exhibit requirements the same as for CLASS 94.

CLASS 96. UNIT 6 – Designer Model Rocketry – Seniors – Finished Fins of Any Type

Exhibit requirements the same as for CLASS 94.

DEPT. M – SMALL ENGINES

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 97. UNIT 1 – Crank it Up – Juniors

Exhibit will consist of the following:

- A. A completed Small Engines manual and E-Record presented in a sturdy binder/notebook, including appropriate sections in the manual completed and other items such as diagrams, drawings, photographs or attachments related to activities in the manual.
- B. A display board on any topic from the Small Engines manual. Display may include an additional item related to the topic, such as tools, spark plugs, safety gear or a lubricant or fuel sample. You may use diagrams, drawings and photographs. Label and use captions to make your display as educational as possible. The standardized display board size of 4’ x 3’ is to be used for 4-H projects.

CLASS 98. UNIT 1 – Crank it Up – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 99. UNIT 1 – Crank it Up – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 100. UNIT 2 – Warm it Up – Juniors

Exhibit will consist of the following:

- A. A completed Small Engines manual and E-Record presented in a sturdy binder/notebook, including appropriate sections in the

manual completed and other items such as diagrams, drawings, photographs, or attachments related to activities in the manual.

- B. A display board on any topic from the Small Engines manual. Display may include additional items related to the topic such as a classification of engines, identification of engine parts and a calculations sample. You may use diagrams, drawings and photographs. Label and use captions to make your display as educational as possible. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 101. UNIT 2 – Warm it Up – Intermediates
Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 102. UNIT 2 – Warm it Up – Seniors
Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 103. UNIT 3 – Tune it Up - Juniors
Exhibit will consist of the following:

- A. A completed Small Engines manual and E-Record presented in a sturdy binder/notebook, including appropriate sections in the manual completed and other items such as diagrams, drawings, photographs or attachments related to activities in the manual.
- B. A display board on any topic from the Small Engines manual. You may use pictures or any records you kept to provide evidence of your accomplishments and what you have learned. Display may also include an additional item related to the topic such as the air and fuel systems, the electrical system, a diagram of the engine block, or a diagram of how to reassemble the air and fuel system or the electrical system. Label and use captions to make your display as educational as possible. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 104. UNIT 3 – Tune it Up – Intermediates
Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 105. UNIT 3 – Tune it Up – Seniors
Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 106. UNIT 4 – Advanced Small Engines – Juniors
Note: Unit 4 can be used for any type of engines (tractor, car, etc.)
Exhibit will consist of the following:

- A. A completed E-Record with emphasis on your accomplishments in your story presented in a sturdy binder/notebook. (Self-Determined)
- B. Include the following information on the Specific Project Information Page in the E-Record:
1. Written description of your project:
 - a. goals
 - b. plans
 - c. accomplishments
 - d. evaluation
- C. A display board on any topic related to Engines. You may use diagrams, drawings, charts and photographs. Label and use captions to make your display as educational as possible. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 107. UNIT 4 – Advanced Small Engines – Intermediates
Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 108. UNIT 4 – Advanced Small Engines – Seniors
Exhibit requirements the same as for UNIT 4 – Juniors.

DEPT. M – ROBOTICS

Note: Please read 4-H Project Exhibit Rules on page 1.

Member may choose to exhibit either a display board OR a Robot.

1. The standardized display board size of 4' x 3' is to be used for 4-H projects.
2. Robot must meet the following requirements:
 - a. Robot must be free-standing, without the need for additional supports in order to be moved or exhibited.
 - b. Robot dimensions should not exceed 2' high x 2' wide x 2' deep. Weight may not exceed 15 pounds. (Larger robots must have approval before exhibiting.)
 - c. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
 - d. Robots must be powered by battery, water or solar sources only. Robots powered by fossil fuels/flammable liquids will be disqualified. All robots must include an on/off switch for operation.
 - e. Each robot must be in operable working condition. The judge will operate each robot to evaluate its workmanship.
 - f. The exhibit must include written instructions for operation, construction plans, one to three pages of project photographs, and robot programming information, if applicable. Robots that include weaponry of any kind will be disqualified.
3. Creativity, workmanship, and functionality will be strong criteria in judging the "Robot designed by Exhibitor" classes.
4. Group projects are made of two or more 4-H members working together. (Include all 4-H members' information.)

CLASS 109. UNIT 1 – Robotics Explorer – Juniors
Exhibit will consist of the following:

- A. A completed E-Record presented in a sturdy binder/notebook. In addition to the E-Record, member must include a separate information sheet providing the following: Name, County, Year in Project, Robot information: power source, programming level, height, length, width, weight.
- B. A short report explaining the function, purpose and construction of the robot. (See "F" above.)
- C. Display board on any topic related to Robotics. (Label and use captions to make your display as educational as possible.)
OR
Robot which must meet all requirements. (Robot may be made from a commercial kit or may be designed and constructed by exhibitor.)

CLASS 110. UNIT 1 – Robotics Explorer – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 111. UNIT 1 – Robotics Explorer – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 112. UNIT 2 – Robotics Probe – Juniors

Exhibit will consist of the following:

- A. A completed E-Record presented in a sturdy binder/notebook. In addition to the E-Record, member must include a separate information sheet providing the following: Name, County, Year in Project, Robot information: power source, programming level, height, length, width, weight.
- B. A short report explaining the function, purpose and construction of the robot. (See “f” above.)
- C. Display board on any topic related to Robotics. (Label and use captions to make your display as educational as possible.).
OR
Robot which must meet all requirements. (Robot must be designed and constructed by exhibitor.)

CLASS 113. UNIT 2 – Robotics Probe – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 114. UNIT 2 – Robotics Probe – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 115. GROUP PROJECT – Robotics – Juniors

Exhibit will consist of the following:

- A. Team project notebook presented in a sturdy binder/notebook which includes: highlight information/roles of *each* team member, drawings, charts, photographs, goals, and objectives of your robotics project. Information sheet providing the following: Name, County, Year in Project, Robot information: power source, programming level, height, length, width, weight. (Include all 4-H members’ information.)
- B. Robot which must meet all requirements. (Robot must be designed and constructed by group.)
OR
Display board on any topic related to group development of a Robot. (Label and use captions to make your display as educational as possible.)

CLASS 116. GROUP PROJECT – Robotics – Intermediates

Exhibit requirements the same as for CLASS 115.

CLASS 117. GROUP PROJECT – Robotics – Seniors

Exhibit requirements the same as for CLASS 115.

NATURAL RESOURCES

DEPT. M – ENTOMOLOGY

Note: Please read 4-H Project Exhibit Rules on page 1. *Entomology Workbook* required.

1. Older members may start with Unit 2.
2. Each year 4-H members build on their collection by adding new insects as required by that unit. Refer to the exhibit requirements for the number of insects to collect for that unit.
3. On units 2-7, records must include data and location where insects were collected. Place this information on labels attached to pins.

Acceptable sizes of hand-made Entomology Display Boxes taken from the manual and kit:

- 12” W x 16”L x 3” Deep
- 12” W x 18”L x 3½” Deep
- 18” W x 24”L x 3½” Deep

Glass tops on entomology display cases should slide to the top or side of the case to prevent them from slipping out and breaking when placed on display.

CLASS 118. UNIT 1 – Let’s Learn About Insects – Juniors

Exhibit will consist of the following:

- A. Completed E-Record and Entomology workbook presented in a sturdy binder/notebook.
- B. Insect Collection – display no fewer than 10 and no more than 35 adult insects in at least 3 different, correctly labeled orders. Boxes for display should be approximately 12”x16”x3”. Regular insect pins are required.

CLASS 119. UNIT 1 – Let’s Learn About Insects – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 120. UNIT 1 – Let’s Learn About Insects – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 121. UNIT 2 – Learn More About Insects – Juniors

Exhibit will consist of the following:

- A. Completed E-record and Entomology workbook presented in a sturdy binder/notebook.
- B. Insect collections – display no fewer than 25 and no more than 75 adult insects in at least 6 different orders. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

CLASS 122. UNIT 2 – Learn More About Insects – Intermediate

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 123. UNIT 2 – Learn More About Insects – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 124. UNIT 3 – Insect Habits & Controls – Juniors

Exhibit will consist of the following:

- A. Completed E-record and Entomology workbook presented in a sturdy binder/notebook.
- B. Insect collection – display no fewer than 75 and no more than 150 insects including a representative from at least 9 different orders, correctly labeled (one order developed in water). Include a special collection of 8 different insects, as stated in

Unit 3 Workbook. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

CLASS 125. UNIT 3 – Insect Habits & Controls – Intermediate
Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 126. UNIT 3 – Insect Habits & Controls – Seniors
Exhibit requirements the same as for UNIT 3 – Juniors

CLASS 127. UNIT 4 – Insect Identification & Community Projects – Juniors
Exhibit will consist of the following:

- A. Completed E-Record and Entomology workbook presented in a sturdy binder/notebook.
- B. Insect collection – display no fewer than 100 and no more than 250 insects in 10 different, correctly labeled orders. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

CLASS 128. UNIT 4 – Insect Identification & Community Projects – Intermediates
Exhibit requirements the same as for UNIT 4 – Juniors

CLASS 129. UNIT 4 – Insect Identification & Community Projects – Seniors
Exhibit requirements the same as for UNIT 4 – Juniors

CLASS 130. UNIT 5 – Immature Insects & Life Stages – Juniors
Exhibit will consist of the following:

- A. Completed E-Record and Entomology workbook presented in a sturdy binder/notebook.
- B. Display your regular insect collection.
- C. Display a collection of at least 10 larvae or immature insects in vials of rubbing alcohol or similar preservation.
- D. Display a special collection that is different from the one in Unit 3, including at least 10 insects.

CLASS 131. UNIT 5 – Immature Insects & Life Stages – Intermediates
Exhibit requirements the same as for UNIT 5 – Juniors

CLASS 132. UNIT 5 – Immature Insects & Life Stages – Seniors
Exhibit requirements the same as for UNIT 5 – Juniors

CLASS 133. UNIT 6 – Exploring With Insects – Juniors
Exhibit will consist of the following:

- A. Completed E-Record and Entomology workbook presented in a sturdy binder/notebook.
- B. Report on at least three special activities and include them in the E-Record before the story.
- C. Insect collection – display no fewer than 50 insects from a single insect order with no more than 3 specimens of the same insect. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

CLASS 134. UNIT 6 – Exploring With Insects – Intermediates
Exhibit requirements the same as for UNIT 6 – Juniors

CLASS 135. UNIT 6 – Exploring With Insects – Seniors
Exhibit requirements the same as for UNIT 6 – Juniors

CLASS 136. UNIT 7 – Exploring With Insects, Advanced – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with emphasis on your accomplishments in your story, presented in a sturdy binder/notebook.
- B. A display board representing some phase of special project work. This could include a chart or special equipment used or developed. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 137. UNIT 7 – Exploring With Insects, Advanced – Intermediates

Exhibit requirements the same as for UNIT 7 – Juniors

CLASS 138. UNIT 7 – Exploring With Insects, Advanced – Seniors

Exhibit requirements the same as for UNIT 7 – Juniors

DEPT. M – FORESTRY

Note: Please read 4-H Project Exhibit Rules on page 1.

List the day, month, and year for the date of completed activities on page 4.

CLASS 139. UNIT 1 – Follow the Path – Juniors

Exhibit will consist of the following:

- A. Completed manual and E-Record presented in a sturdy binder/notebook including these items: appropriate sections in the manual completed, E-Record and other drawings or attachments related to activities in the manual.
- B. A display board displaying information related to activities in project manual. The standardized display board size of 4' x 3' is to be used for 4-H projects.

Note: There is a Forestry Helper's Guide that contains forestry group activities.

UNIT 140. UNIT 1 – Follow the Path – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

UNIT 141. UNIT 1 – Follow the Path – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 142. UNIT 2 – Reach for the Canopy – Juniors

Exhibit requirements the same as for Unit 1 – Juniors

CLASS 143. UNIT 2 – Reach for the Canopy – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 144. UNIT 2 – Reach for the Canopy – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 145. UNIT 3 – Explore the Deep Woods – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 146. UNIT 3 – Explore the Deep Woods – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 147. UNIT 3 – Explore the Deep Woods – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors

DEPT. M – OUTDOOR ADVENTURES

Note: Please read 4-H Project Exhibit Rules on page 1.

List the day, month, and year for the date of completed activities on page 4.

CLASS 148. UNIT 1 – Hiking Trails – Juniors

Exhibit will consist of the following:

- A. A completed manual and E-Record presented in a sturdy binder/notebook including these items: appropriate sections in the manual completed, E-Record and other items or attachments related to the activities in the manual.
- B. A display board illustrating a topic investigated during the project year. You may use diagrams, drawings, charts and photographs. Label and use captions to make your display as educational as possible. The standardized display board size of 4' x 3' with sides that do not overlap is to be used for 4-H projects.

CLASS 149. UNIT 1 – Hiking Trails – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 150. UNIT 1 – Hiking Trails – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 151. UNIT 2 – Camping Adventures – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 152. UNIT 2 – Camping Adventures – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 153. UNIT 2 – Camping Adventures – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 154. UNIT 3 – Backpacking Expeditions – Juniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 155. UNIT 3 – Backpacking Expeditions – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 156. UNIT 3 – Backpacking Expeditions – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

DEPT. M – RANGE MANAGEMENT

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 157. Range Management – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. A display board directly related to work done by the member in the project. The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 158. Range Management – Intermediate

Exhibit requirements the same as for CLASS 131.

CLASS 159. Range Management – Senior

Exhibit requirements the same as for CLASS 131.

DEPT. M – SPORTFISHING

Note: Please read 4-H Project Exhibit Rules on page 1.

Exhibit of record kept during the year and display illustrating a chosen aspect of skill area is required. (The standardized display board size of 4' x 3' is to be used for 4-H projects.)

CLASS 160. UNIT 1 – Take the Bait – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Record each fishing experience:
 - a. date
 - b. location
 - c. type (pond, lake, reservoir, stream, river or other)
 - d. name of body of water
 - e. if you catch fish (if no, what do you think the reason was for not catching fish),
 - f. if yes, include the following weather information about the day: time of day, air temperature, water temperature, cloud cover and other information about the weather.
 2. Complete a Catch and Release Form for your five best fish, caught and released Or your five best fish kept, depending on legal limits.
 - a. species, length (nose to tail)
 - b. girth (around middle)
 - c. approximate weight
 3. Complete a Fishing Journal for each trip (whether you caught fish or not):
 - a. rod and reel used
 - b. types of rig/bait/lure used

- c. technique used
 - d. types of structure fished
 - e. other things you want to remember about this trip
- C. A display board is to be a specific skill level area related to the exhibit. When using a display board, it is strongly recommended to use photos, drawings or other illustrations rather than actual items (i.e. rods, reels, other tackle or accessories). Educational materials shall not extend beyond the edges of display boards. (No wooden display cases/boxes.) Exhibits may include stand-alone items such as hand-wrapped rods or handmade lures. The standardized display board size of 4' x 3' is to be used for 4-H projects.
- D. Hooks must be removed from lures and jigs when these items are used in an exhibit. The exceptions are artificial flies, which may be exhibited with functional hooks, but the hook points must be imbedded in material (i.e. rubber, dense cork, etc.) that will secure the flies and offer safety to the judges and other show officials.
- E. No knives to be displayed.

CLASS 161. UNIT 1 – Take the Bait – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 162. UNIT 1 – Take the Bait – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 163. UNIT 2 – Reel in the Fun – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 164. UNIT 2 – Reel in the Fun – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 165. UNIT 2 – Reel in the Fun – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 166. UNIT 3 – Cast into the Future – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 167. UNIT 3 – Cast into the Future – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 168. UNIT 3 – Cast into the Future – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

DEPT. M – WILDLIFE

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 169. UNIT 1 – Exploring Wildlife – Juniors
Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Include the following information in the Specific Project Information Page in the E-Record:
 - 1. Date
 - 2. Location
 - 3. Wildlife activity

- 4. What you did
- 5. How it relates to wildlife
- 6. Describe what happened

- C. A display board related to the unit of enrollment. (No wooden display cases.) The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 170. UNIT 1 – Exploring Wildlife – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 171. UNIT 1 – Exploring Wildlife – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 172. UNIT 2 – Small Game – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 173. UNIT 2 – Small Game – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 174. Unit 2 – Small Game – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 175. UNIT 3 – Waterfowl – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 176. UNIT 3 – Waterfowl – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 177. UNIT 3 – Waterfowl – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 178. UNIT 4 – Big Game – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 179. UNIT 4 – Big Game – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 180. UNIT 4 – Big Game – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 181. UNIT 5 – Furbearers – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 182. UNIT 5 – Furbearers – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 183. UNIT 5 – Furbearers – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 184. UNIT 6 – Songbirds & Birds of Prey – Juniors
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 185. UNIT 6 – Songbirds & Birds of Prey – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 186. UNIT 6 – Songbirds & Birds of Prey – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors.

COMMUNICATION, ARTS, & LEISURE SCIENCES

DEPT. M – CERAMICS

NOTE: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules:

1. One piece consists of no more than one item with lid (i.e., sugar bowl with lid). More than one piece is considered a set. Pieces in a set must be related.
2. All work must be done by the member, including the cleaning of greenware or soft bisque used in the Porcelain Doll Unit.
3. A member repeating any unit must learn new skills.
4. All ceramic pieces must be free for close inspection by the judge (i.e., **flowers should not be fastened with floral clay in a flower pot; doll's clothing must be easily removed**). If not, the piece/pieces will be disqualified.
5. Completed E-Record must be entered with the exhibit piece.
6. For examples of technique sheets, go to www.colorado4h.org under Project Resources/Record Books.

CLASS 187. UNIT 1 – Glazes – Juniors

Includes glazes on earthenware, stoneware and porcelain.

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Complete two learning projects with information listed on the Specific Project Information page.
- C. Please record at least three technique sheets for the three new skills learned. Technique sheet should have enough information included so the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have a technique sheet with each piece you exhibit. The technique sheet should include:
 1. A list of all tools and brushes used. Sizes should be included, if applicable.
 2. A list of brand name, number and colors used.
 3. A list of steps:
 - a. If the piece was bisque-fired before application of color and to what cone size or temperature.
 - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
 - c. A list of other products used.
- D. One piece or set showing techniques learned.

CLASS 188. UNIT 1 – Glazes – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 189. UNIT 1 – Glazes – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 190. UNIT 2 – Underglazes – Juniors

Includes underglazes on earthenware, stoneware and porcelain.

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.

- B. Complete two learning projects with information listed on the Specific Project Information page.
- C. On the page titled Specific Project Information, please record at least three technique sheets, for the three new skills learned. Technique sheet should have enough information included so the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have a technique sheet with each piece you exhibit. The technique sheet should include:
 1. A list of all tools and brushes used. Sizes should be included, if applicable.
 2. A list of brand name, number and colors used.
 3. A list of steps;
 - a. If the piece was bisque-fired before application of color and to what cone size or temperature.
 - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
 - c. A list of other products used.
- D. One piece or set showing techniques learned.

CLASS 191. UNIT 2 – Underglazes – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 192. UNIT 2 – Underglazes – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 193. UNIT 3 – Overglazes – Juniors

Includes overglazes on earthenware, stoneware and porcelain.

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Complete two learning projects with information listed on the Specific Project Information page.
- C. On the page titled Specific Project Information, please record at least three technique sheets, for the three new skills learned. Technique sheet should have enough information included so the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have a technique sheet with each piece you exhibit. The technique sheet should include:
 1. A list of all tools and brushes used. Sizes should be included, if applicable.
 2. A list of brand name, number and colors used.
 3. A list of steps:
 - a. If the piece was bisque-fired before application of color and to what cone size or temperature.
 - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
 - c. A list of other products used.
- D. One piece or set showing techniques learned.

CLASS 194. UNIT 3 – Overglazes – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 195. UNIT 3 – Overglazes – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 196. UNIT 4 – Unfired Finishes – Juniors

Includes unfired finishes on earthenware, stoneware, and porcelain.

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Complete two learning projects with information listed on the Specific Project Information page.
- C. On the page titled Specific Project Information, please record at least three technique sheets for the three new skills learned. Technique sheet should have enough information included so the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have a technique sheet with each piece you exhibit. The technique sheet should include:
 - 1. A list of all tools and brushes used. Sizes should be included, if applicable.
 - 2. A list of brand name, number and colors used.
 - 3. A list of steps:
 - a. If the piece was bisque-fired before application of color and to what cone size or temperature.
 - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
 - c. A list of other products used.
- D. One piece or set showing techniques learned.

CLASS 197. UNIT 4 – Unfired Finishes – Intermediates
Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 198. UNIT 4 – Unfired Finishes – Seniors
Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 199. UNIT 5 – Porcelain Dolls – Juniors
Includes china paint on polished bisque or glazed porcelain (china). Soft-fired greenware is highly recommended for all doll projects.
Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. On the page titled Specific Project Information, please record at least three technique sheets, for the three new skills learned. A technique sheet should have enough information included so the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have a technique sheet with each piece you exhibit. The technique sheet should include:
 - 1. A list of all tools and brushes used. Sizes should be included, if applicable.
 - 2. A list of brand name, number and colors used.
 - 3. A list of steps:
 - a. If the piece was bisque-fired before application of color and to what cone size or temperature.
 - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
 - c. A list of other products used.
- C. One piece or set showing techniques learned.

CLASS 200. UNIT 5 – Porcelain Dolls – Intermediates
Exhibit requirements the same as for UNIT 5 – Juniors.

CLASS 201. UNIT 5 – Porcelain Dolls – Seniors
Exhibit requirements the same as for UNIT 5 – Juniors.

CLASS 202. UNIT 6 – Hand-Constructed in Stoneware – Juniors
Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. On the page titled Specific Project Information, please record at least three technique sheets for the three new skills learned. A technique sheet should have enough information included so the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have a technique sheet with each piece you exhibit. The technique sheet should include:
 - 1. A list of all tools and brushes used. Sizes should be included, if applicable.
 - 2. A list of brand name, number and colors used.
 - 3. A list of steps:
 - a. If the piece was bisque-fired before application of color and to what cone size or temperature.
 - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
 - c. A list of other products used.
- C. One piece or set showing techniques used.

CLASS 203. UNIT 6 – Hand-Constructed in Stoneware – Intermediates
Exhibit requirements the same as for UNIT 6 – Juniors.

CLASS 204. UNIT 6 – Hand-Constructed in Stoneware – Seniors
Exhibit requirements the same as for UNIT 6 – Juniors.

DEPT. M – GLOBAL CITIZENSHIP

Note: Please read 4-H Project Exhibit Rules on page 1.

CLASS 205. UNIT 1 – Study of Another Country – Juniors
Exhibit will consist of the following:

- A. A sturdy three-ringed notebook including a completed E-Record with the following additional information:
 - 1. Selected option from page 3 of manual.
 - 2. Create an information sheet that explains the selected study option and list the topic(s) studied (pages 6-9 in manual).
 - 3. Describe any demonstrations or public speaking experiences you had associated with global citizenship. Please be specific about audience, topic, visual aids, etc.
 - 4. Include a short story explaining what you learned from this study.
 - 5. List the resources you used throughout your project.

CLASS 206. UNIT 1 – Study of Another Country – Intermediates
Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 207. UNIT 1 – Study of Another Country – Seniors
Exhibit requirements the same as for UNIT 1 – Juniors

CLASS 208. UNIT 2 – Host a Delegate from Another Country – Juniors
Exhibit will consist of the following:

- A. A sturdy three-ringed notebook including a completed E-Record with the following additional information:

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1. Preparation for your Exchangee’s Arrival—page 3 of manual.
2. The Arrival page—pages 3-4 of manual
3. During the Stay—page 4 of manual
4. After Departure—page 4 of manual
5. Resources—page 5 of manual

Note: Please read 4-H Project Exhibit Rules on page 1.

- B. Provide information on at least one demonstration or public speaking that you gave on your global citizenship project. Please record this information on the demonstration page in the E-Record. Be specific on audience, topic, visual aids, etc.

CLASS 209. UNIT 2 – Host a Delegate from Another Country – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 210. UNIT 2 – Host a Delegate from Another Country – Seniors

Exhibit requirements the same as for UNIT 2 – Juniors

CLASS 211. UNIT 3 – Participating as a Teen Counselor – Intermediates

Exhibit will consist of the following:

- A. Serve as a teen counselor at a standard international-program event for incoming delegates from another country or culture (this must be coordinated with the 4-H International Programs Coordinator in the Colorado 4-H Office).
- B. A sturdy three-ringed notebook, including a completed E-Record with the following information:
 1. The Arrival—page 5 of manual
 2. During the Stay—page 5 of manual
 3. After Departure—page 5 of manual
 4. Resources—page 5 of manual
- C. Provide information on at least one demonstration or public speaking that you gave on your global citizenship project. Please record this information on the demonstration page in the E-Record. Be specific on audience, topic, visual aids, etc.

CLASS 212. UNIT 3 – Participating as a Teen Counselor – Seniors

Exhibit requirements the same as for UNIT 3 – Intermediates

CLASS 213. UNIT 4 – Exchange Delegate to Another Country – Intermediates

Exhibit will consist of the following:

- A. A sturdy three-ringed notebook including a completed E-Record with the following information:
 1. Before Departure—pages 5-6 of manual
 2. During the Stay—page 6 of manual
 3. In-depth Observation—page 6 of manual
 4. Return to the United States—page 6 of manual
 5. Resources—page 6 of manual
- B. Provide information on at least one demonstration or public speaking that you gave on your global citizenship project. Please record this information on the demonstration page in the E-Record. Be specific on audience, topic, visual aids, etc.

CLASS 214. UNIT 4 – Exchange Delegate to Another Country – Seniors

Exhibit requirements the same as for UNIT 4 – Intermediates

CLASS 215. UNIT 1 – Individual Skills for Young Members – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. A display board telling how you developed or improved one leadership skill. The standardized display board size of 4’ x 3’ is to be used for 4-H projects.

CLASS 216. UNIT 2 – Individual Skills for Older Members – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 217. UNIT 2 – Individual Skills for Older Members – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 218. UNIT 3 – Skills Working Within Groups – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 219. UNIT 3 – Skills Working Within Groups – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 220. UNIT 4 – Skills Leading Groups – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 221. UNIT 4 – Skills Leading Groups – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

DEPT. M – LEATHERCRAFT

Note: Please read 4-H Project Exhibit Rules on page 1.

Project Exhibit Rules for All Units:

1. Put name, age, and county on back of exhibit board or on tag attached to individual exhibit articles.
2. Indicate in E-Record whether articles are made from kit or are self-cut and designed by the member.
3. A set means a number of things of the same kind that belong, or are used together, (i.e. six matching coasters, belt and buckle with matching designs, etc.)
4. Advanced leathercraft members may exhibit in more than one of the classes, provided the member is enrolled in and has completed the requirements of the unit. Example: Units 4-7.
5. It is recommended that first year members take Unit 8 instead of Unit 1 or Unit 2.

CLASS 222. UNIT 1 – Introduction to Leathercraft – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Exhibit board 12" x 18" x 1/8" or 1/4" (preferably pegboard) to which items are attached by means of lacing or thread:
 1. Three samples with labels showing:
 - a. Transfer of design onto leather; deepening of outline with modeling tool, and use of camouflage tool.
 - b. Steps shown in *sample a.* as well as use of pear shader, beveling with modeling tool, and use of veiner.
 - c. Steps shown in *samples a. and b.* as well as use of seeder and backgrounder. Clear leather finish applied to *sample c.* (optional for *samples a & b.*)
 2. Two completed articles using tools and skills studied in Unit 1, which include lacing (one using whip-stitch lacing and the other using running-stitch lacing).

Note: No carving, solid-color dyeing and/or color shading will be permitted.

CLASS 223. UNIT 1 – Introduction to Leathercraft – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 224. UNIT 1 – Introduction to Leathercraft – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 225. UNIT 2 – Beginning Leather Carving – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Exhibit board 12" x 18" x 1/8" or 1/4" (preferably pegboard) to which items are attached by means of lacing or thread:
 1. Three samples with labels showing:
 - a. Use of swivel knife and camouflage tool.
 - b. Steps shown in *sample a.* as well as use of pear shader, beveller and veiner.
 - c. Steps shown in *samples a. and b.* as well as use of seeder, backgrounder and decorative cuts. Clear leather finish applied to *sample c.* (optional for *samples a. & b.*)
 2. Two completed articles using tools and skills studied in Units 1 & 2, which include lacing (at least one with double loop lacing).

Note: No pictorial (relating to, composed of, or shown by pictures) carving. No solid color dyeing or shading will be permitted.

CLASS 226. UNIT 2 – Beginning Leather Carving – Intermediates

Exhibit requirements the same as for UNIT 2 – Juniors.

CLASS 227. UNIT 2 – Beginning Leather Carving – Seniors

Exhibit requirements the same as for Unit 2 – Juniors.

CLASS 228. UNIT 3 – Intermediate Leather Carving – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. One completed carved article or set that includes at least one of the major skills: carved conventional design, inverted carving techniques, beginning dyeing, simple molding and shaping or hand stitching.

Note: No pictorial carving (framed pictures) or figure carving (realistic animal & human figures). No solid-color dyeing or shading will be permitted.

CLASS 229. UNIT 3 – Intermediate Leather Carving – Intermediates

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 230. UNIT 3 – Intermediate Leather Carving – Seniors

Exhibit requirements the same as for UNIT 3 – Juniors.

CLASS 231. UNIT 4 – Advanced Leather Carving – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. Any article or set, other than a picture, of either conventional or realistic design, demonstrating one or more of the major skills learned in this unit: figure carving, embossing, or filigree work. Beginning dyeing and staining according to Unit 3 are acceptable, but color shading and solid-color dyeing will not be permitted on this article.

Note: Solid-color dyeing and color shading will not be permitted.

CLASS 232. UNIT 4 – Advanced Leather Carving – Intermediates

Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 233. UNIT 4 – Advanced Leather Carving – Seniors

Exhibit requirements the same as for UNIT 4 – Juniors.

CLASS 234. UNIT 5 – Coloring and Shading – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. One completed article or matching set, other than a picture, which demonstrates advanced carving skills and which is colored by solid-color dyeing, block dyeing or shade dyeing. The design can be either conventional or realistic carving.

CLASS 235. UNIT 5 – Coloring and Shading – Intermediates

Exhibit requirements the same as for UNIT 5 – Juniors.

CLASS 236. UNIT 5 – Coloring and Shading – Seniors

Exhibit requirements the same as for UNIT 5 – Juniors.

CLASS 237. UNIT 6 – Pictorial Carving – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook
- B. One framed or mounted carved leather picture (scene or portrait—not clocks) or a matching set, suitable for wall hanging. The article may be left natural color or it may be stained or colored according to any of the methods taught in previous units.

CLASS 238. UNIT 6 – Pictorial Carving – Intermediates

Exhibit requirements the same as for UNIT 6 – Juniors.

CLASS 239. UNIT 6 – Pictorial Carving – Seniors

Exhibit requirements the same as for UNIT 6 – Juniors.

CLASS 240. UNIT 7 – Making and Rebuilding Saddles – Juniors

Exhibit will consist of the following:

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- A. Completed E-Record presented in a sturdy binder/notebook.
- B. One completed saddle. The leather may be either tooled or untooled and may be finished in any suitable fashion.

CLASS 241. UNIT 7 – Making and Rebuilding Saddles – Intermediates

Exhibit requirements the same as for UNIT 7 – Juniors.

CLASS 242. UNIT 7 – Making and Rebuilding Saddles – Seniors

Exhibit requirements the same as for UNIT 7 – Juniors.

CLASS 243. UNIT 8 – Creative Stamping – Juniors (recommended for 1st year members)

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. One completed article or matching set using creative stamping.

CLASS 244. UNIT 8 – Creative Stamping – Intermediates

Exhibit requirements the same as for UNIT 8 – Juniors.

CLASS 245. UNIT 8 – Creative Stamping – Seniors

Exhibit requirements the same as for UNIT 8 – Juniors.

CLASS 246. UNIT 9 – Braiding and Untooled – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. One article or matching set illustrating construction by lacing, braiding, expanding, sculpting, untooled leather construction or leather art technique. Exhibit must use non-tooled and non-sewn leather working techniques. (Minimum tooling required for effect is acceptable.)

CLASS 247. UNIT 9 – Braiding and Untooled – Intermediates

Exhibit requirements the same as for UNIT 9 – Juniors.

CLASS 248. UNIT 9 – Braiding and Untooled – Seniors

Exhibit requirements the same as for UNIT 9 – Juniors.

CLASS 249. UNIT 10 – Sewing Leather – Juniors

Exhibit will consist of the following:

- A. Completed E-Record presented in a sturdy binder/notebook.
- B. One completed article or garment made by sewing leather.

CLASS 250. UNIT 10 – Sewing Leather – Intermediates

Exhibit requirements the same as for UNIT 10 – Juniors.

CLASS 251. UNIT 10 – Sewing Leather – Seniors

Exhibit requirements the same as for UNIT 10 – Juniors.

Note: Please read 4-H Project Exhibit Rules on page 1.

1. Focus on Photography has been broken into two exhibit Levels – Level 1A and Level 1B. 4-H members should be enrolled in Focus in Photography but can choose to exhibit in either Level 1A or Level 1B. If a member completes the manual, they may enter in both Level 1A and Level 1B. There must be an E-Record for each Level (the E-Record can be photo-copied.) If a 4-H member does Level 1A one year and Level 1B the next year, the 4-H member can either use pages 4-7 from Level 1A book or make a copy of it so the current year's completion dates can be recorded.
2. For all units, submit photo material for the current unit being entered. Do not submit previous photos or records.
3. In Levels 1-3 pictures can either be mounted on the journal pages or on cardstock. Use the tips on page 73 of the manuals for mounting the pictures.
4. Best photo may be up to 5" x 7" in size. Best photo may be mounted on the journal page 7 or can be mounted on cardstock and identified as your "Best Photo." If you are entering the Best Photo Contest you will need to make a copy of your "Best Photo" and follow the rules for mounting. Therefore, you will need two photos of your Best Photo; one for your project and one for the Best Photo Contest (for Levels 1-3). No duplicate pictures except for best picture and/or Best Photo Contest.
5. Binders/notebooks: Use a hardback, three-ring notebook 3" in size for all units. No posters or oversized books. Do not use plastic covers on any pages in any unit. All materials must fit within the notebook. Include all your photos and E-Record in the three-ring notebook. Additional pages can be added as needed to exhibit your photos.
6. Videos must be appropriate for total family viewing.
7. For photo exhibits in Levels 1-3 follow the tips on page 73 of the manuals. Photos can be mounted on the journal pages or on cardstock. Label Format for Units 1-3:

Camera Used _____
Type of film _____
Exposure details _____
Journal page # (if using cardstock to mount pictures) _____
Photo # (left to right and top to bottom) _____
Subject: _____
Date Photo Taken _____

8. Label Format for UNITS 4-7:
Activity # _____
Photo # _____
Subject _____
Date Photo Taken _____
Notes: _____
8. Label Format for Best Photo Contest
Title _____
Name _____
4-H Age _____
Camera used _____
Film _____

CLASS 252. LEVEL 1A – Focus on Photography – Juniors

Exhibit will consist of the following:

- A. Completed E-Record. Include the following in your story: what camera you used this year (Brand name, film size, etc.), how you stored your negatives/discs and why you picked your Best Photo pictures. (Also include photos of you working on your project in the E-Record photo page.)
- B. Complete pages 4-7 in the manual and place them in the three-ringed notebook with your photos and E-Record.
- C. Level 1A photo exhibits will consist of the following Photo Journal pages from Project Area: Equipment and Lighting (a minimum of 30 photos). Photos may be mounted on cardstock with reference to journal pages.
 1. Photo Journal Page 7 – 1 photo (Best Photo)
 2. Photo Journal page 12 – 5 photos
 3. Photo Journal page 16 – 6 photos
 4. Photo Journal page 20 – 3 photos of outdoor scene taken different times (explained in manual pg. 18); 3 photos of inside scene taken different times (explained in manual pg. 18) (minimum of 6 photos)
 5. Photo Journal page 24 – 5 photos
 6. Photo Journal page 28 – 4 photos
 7. Photo Journal page 32 – 3 photos

CLASS 253. LEVEL 1A – Focus on Photography – Intermediates

Exhibit requirements the same as for CLASS 252.

CLASS 254. LEVEL 1A – Focus on Photography – Seniors

Exhibit requirements the same as for CLASS 252.

CLASS 255. LEVEL 1B – Focus on Photography – Juniors

Exhibit will consist of the following:

- A. Completed E-Record. Include the following in your story: what camera you used this year (Brand name, film size, etc.), how you stored your negatives/discs and why you picked your Best Photo pictures. (Also include photos of you working on your project in the E-Record photo page.)
- B. Complete pages 4-7 in the manual and place them in the three-ringed notebook with your photos and E-Record.
- C. Level 1B photo exhibits will consist of the following Photo Journal pages from Project Area: Composition and Skill Building (a minimum of 31 photos). Photos may be mounted on cardstock with reference to journal pages:
 1. Photo Journal page 7 – 1 photo (Best Photo)
 2. Photo Journal page 36 – 3 photos
 3. Photo Journal page 40 – 3 photos
 4. Photo Journal page 44 – 3 to 5 photos
 5. Photo Journal page 48 – 4 photos
 6. Photo Journal page 52 – 4 photos
 7. Photo Journal page 56 – 3 photos
 8. Photo Journal page 60 – 3 to 5 photos, story format
 9. Photo Journal page 64 – 3 to 5 photos
 10. Photo Journal page 68 – 4 photos

CLASS 256. LEVEL 1B – Focus on Photography - Intermediates

Exhibit requirements the same as for CLASS 255.

CLASS 257. LEVEL 1B – Focus on Photography – Seniors

Exhibit requirements the same as for CLASS 255.

CLASS 258. LEVEL 2 – Controlling the Image – Juniors

Exhibit will consist of the following:

- A. Completed E-Record. Include the following in your story: what camera you used this year (Brand name, film size, etc.), how you stored your negatives/discs and why you picked your Best Photo pictures. (Also include photos of you working on your project in the E-Record photo page.)
- B. Complete pages 4-7 in the manual and place them in the three-ringed notebook with your photos and E-Record.
- C. Level 2 photo exhibits will consist of the following Photo Journal pages in the Manual. (a minimum of 48 photos – Note: This level is for cameras that can be adjusted for speed and lighting). Photos may be mounted on cardstock with reference to journal pages:
 1. Photo Journal page 7 – 1 photo (Best Photo)
 2. Photo Journal page 12 – 3 photos, still subject with different aperture settings (explained in manual page 10); 3 photos, moving subjects with different shutter speeds (explained in manual page 10)
 3. Photo Journal page 16 – 6 photos
 4. Photo Journal page 20 – 3 photos as explained in manual on page 18
 5. Photo Journal page 24 – 2 photos with hard light and 2 photos with soft light
 6. Photo Journal page 28 – 3 photos
 7. Photo Journal page 32 – 3 photos
 8. Photo Journal page 36 – 3 photos
 9. Photo Journal page 40 – 3 photos
 10. Photo Journal page 44 – 3 to 5 photos
 11. Photo Journal page 48 – 1 photo
 12. Photo Journal page 52 – 3 to 4 photos
 13. Photo Journal page 56 – 2 photos
 14. Photo Journal page 60 – 3 photos
 15. Photo Journal page 64 – 3 photos
 16. Photo Journal page 68 - panorama

CLASS 259. LEVEL 2 – Controlling the Image – Intermediates

Exhibit requirements the same as for CLASS 258.

CLASS 260. LEVEL 2 – Controlling the Image – Seniors

Exhibit requirements the same as for CLASS 258.

CLASS 261. UNIT 3 – Mastering Photography – Juniors

Exhibit will consist of the following:

- A. Completed E-Record. Include the following in your story: what camera you used this year (Brand name, film size, etc.), how you stored your negatives/discs and why you picked your Best Photo pictures. (Also include photos of you working on your project in the E-Record photo page.)
- B. Complete pages 4-7 in the manual and place them in the three-ringed notebook with your photos and E-Record.
- C. Level 3 photo exhibits will consist of the following Photo Journal pages from the manual (minimum of 48 photos). Photos may be mounted on cardstock with reference to journal pages.
 1. Photo Journal page 7 – 1 photo (Best Photo)
 2. Photo Journal page 12 – 3 photos
 3. Photo Journal page 16 – 3 photos
 4. Photo Journal page 20 – 3 photos
 5. Photo Journal page 24 – 2 photos
 6. Photo Journal page 28 – 3 photos

7. Photo Journal page 32 – 2 photos
8. Photo Journal page 36 – 4 photos
9. Photo Journal page 40 – 4 photos
10. Photo Journal page 44 – 6 photos
11. Photo Journal page 48 – 4 photos
12. Photo Journal page 52 – 4 photos
13. Photo Journal page 56 – 3 photos
14. Photo Journal page 60 – 3 to 5 photos
15. Photo Journal page 64 – Brochure – is not included in total photo count
16. Photo Journal page 68 – 3 photos

CLASS 262. UNIT 3 – Mastering Photography – Intermediates
Exhibit requirements the same as for CLASS 261.

CLASS 263. UNIT 3 – Mastering Photography – Seniors
Exhibit requirements the same as for CLASS 261.

CLASS 264. UNIT 4 – Darkroom Techniques – Black & White Option A – Juniors

Exhibit will consist of the following:

- A. Completed E-Record secured in a sturdy three-ring binder/notebook. Include photos in the E-Record photo page of you working on your project.
- B. Photos required for Exhibit are as follows:
 1. Enlargement from seven best negatives
 - a. One negative exposure series: normal, one stop under—one over
 - b. From one negative—make three different size enlargements. Give exposure times for each.
 - c. One negative process series
 - 1) Developed only
 - 2) Developed and stopped only
 - 3) Developed, stopped and fixed
 - d. One negative—test and final print
 - 1) Test exposure print
 - 2) Final print
 - e. One negative burned in, one not burned in.
 - f. One negative dodged, one not dodged.
 - g. One print mounted fancy.
- C. Include the camera quiz, cost analysis, closing inventory on the Specific Project Information page in the E-Record.
- D. Exhibit to include 16 prints as listed in B and contact prints and proof sheets of negatives used.

CLASS 265. UNIT 4 – Darkroom Techniques – Black & White Option A – Intermediates

Exhibit requirements the same as for CLASS 264.

CLASS 266. UNIT 4 – Darkroom Techniques – Black & White Option A – Seniors

Exhibit requirements the same as for CLASS 264.

CLASS 267. UNIT 4 – Darkroom Techniques – Color Option B – Juniors

Exhibit will consist of the following:

- A. Completed E-Record secured in a sturdy three-ring binder/notebook. Include photos in the E-Record photo page of you working on your project.
- B. Photos required for Exhibit are as follows:

1. Enlargement from best negative
 - a. One negative exposure series: normal, one stop under—one over
 - b. One negative—three different size prints, such as 3"x5", 4"x6", 5"x7", 8"x10"; indicate the exposure setting for each.
 - c. One negative—test and final print
 - 1) Test exposure print
 - 2) Final print
 - d. Cropping—two pictures (same negative each set) include original contact of proof sheets with cropped prints (5"x7" or 8"x10")
 - e. One negative—one normal color balanced print and one showing incorrect color balance.
 - f. Two prints (5"x7" or 8"x10")
 - 1) One portrait of a person
 - 2) One print mounted fancy
- C. Include the camera quiz, cost analysis, closing inventory on the Specific Project Information page in the E-Record.
- D. Exhibit to include two proof sheets or contact prints plus 15 prints as listed in B.

CLASS 268. UNIT 4 – Darkroom Techniques – Color Option B – Intermediates

Exhibit requirements the same as for CLASS 267.

CLASS 269. UNIT 4 – Darkroom Techniques – Color Option B – Seniors

Exhibit requirements the same as for CLASS 267.

CLASS 270. UNIT 6 – Advanced Photography – Juniors

Exhibit will consist of the following:

- A. Completed E-Record with emphasis on accomplishments in your story. Include photos in the E-Record photo page of you working on your project.
- B. Include the following information on the Specific Information Page in the E-Record:
 1. goals
 2. plans
 3. accomplishments
 4. evaluation
- C. Photos should show your progress and be labeled as successful or not, plus reasons.

Note: This unit is for those 4-H members who have advanced photography experiences (i.e. creative darkroom work, publishing, careers, etc.)

- D. Article/display/notebook which illustrates achievements. (The standardized display board size of 4' x 3' with sides that do not overlap is to be used for 4-H projects.)

CLASS 271. UNIT 6 – Advanced Photography – Intermediates

Exhibit requirements the same as for CLASS 270.

CLASS 272. UNIT 6 – Advanced Photography – Seniors

Exhibit requirements the same as for CLASS 270.

CLASS 273. UNIT 7 – Video Photography – Beginning Unit – Juniors

Exhibit will consist of the following:

- A. Completed E-Record and photography binder/notebook containing responses to the project/activities described in the 4-H Video Photography manual. Include photos in the E-Record photo page of you working on your project.
- B. Video as required (6 to 15-minute limitation). The video should be DVD media only and ready for viewing. Also the video must be appropriate for family viewing. Be sure that the DVD can be viewed on various computer operating systems (ex: Windows, Mac, OS-X, etc.)

CLASS 274. UNIT 7 – Video Photography – Beginning Unit – Intermediates

Exhibit requirements the same as for CLASS 273.

CLASS 275. UNIT 7 – Video Photography – Beginning Unit – Seniors

Exhibit requirements the same as for CLASS 273.

CLASS 276. Best Photo Contest – Juniors

The Best Photo Contest is open to members in Photography Levels 1-3. Those members wanting to participate will use their 5"x7" (Best Photo in Levels 1-3) for this contest. No E-Record is required.

Rules:

1. 4-H members must use their 5"x7" Best Photo in Levels 1-3 for this contest.
2. The photo must be mounted on a mat and suitable for hanging without additional frame. No other mounted materials (i.e. foam core, glass, wood, plastic, metal, etc.) can be used.
3. The maximum size for the matted only picture is no larger than 8"x10" (no frame or glass).
4. The photo must be labeled on the back with the title, location of picture, member name, 4-H age, camera used, and film.
5. All photos used for the Best Photo Contest will become property of the State 4-H Office.
6. Photos will be judged according to the following criteria:
 - a. Composition/Presentation
 - b. Focus/Sharpness
 - c. Lighting
 - d. Creativity

CLASS 277. Best Photo Contest – Intermediates

For Rules see CLASS 276.

CLASS 278. Best Photo Contest – Seniors

For Rules see CLASS 276.

DEPT. M – WOODWORKING

Note: Please read 4-H Project Exhibit Rules on page 1.

Units 1, 2 and 3 in Woodworking have very specific restrictions on the tools used in building an article to display. This is done for reasons of safety and to provide a fair comparison among projects in a unit. An exhibit that shows evidence of not following these restrictions will not be ranked in the top ten placings at State Fair.

Note: In making all placings, judges will consider straightness; accuracy and smoothness of saw cuts; the difficulty and preciseness of joints; the skill employed in the use of nails, screws, gluing and other hardware; freedom from tool or sandpaper marks; appropriate finish evenly applied; article attractiveness, proportions and use of proper wood for the intended use; ability to follow instructions; quality of workmanship and completeness of e-Record. Always use proper safety gear.

CLASS 279. UNIT 1 – Measuring Up – Juniors

NOTE: Only tools used are hand tools. Articles made with tools other than hand tools will not be ranked in the top ten placings at State Fair.

Exhibit will consist of the following:

- A. Completed E-Record with the plans used for making the exhibit (tell if the plan was your own, manual or other) presented in a sturdy binder/notebook.
- B. Include the following information on the Specific Project Information Page in the E-Record:
 1. Plan source used (your own, manual or other)
 2. Kind of wood used
 3. Names of joints and fasteners used
 4. A drawing or other copy of a plan for the article exhibited:
 - a. dimensions
 - b. list of materials used
 - c. a description of any changes in the article's specifications
 - d. reason for the changes
 5. List of all articles made

The drawing or plan itself will not be judged. It is only for the judge's use in judging the article exhibited. If the drawing is missing, the exhibit will not be ranked in the top ten placings at State Fair.

- C. Any one article constructed by the exhibitor using the skills learned in unit.

CLASS 280. UNIT 1 – Measuring Up – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 281. UNIT 1 – Measuring Up – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 282. UNIT 2 – Making the Cut – Juniors

NOTE: Only tools used are: hand tools, power hand drill, miter box (non-powered), oscillating (pad) sander and jig saw. Articles made with power tools other than those listed, will not be ranked in the top ten placings at State Fair.

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 283. UNIT 2 – Making the Cut – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 284. UNIT 2 – Making the Cut – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 285. UNIT 3 – Nailing it Together – Juniors

NOTE: Only tools used are: hand tools, power hand drill, miter box, jig saw, scroll saw, power sanders, table saw, drill press, band saw, rabbet plane, jointer and router. Articles made with power tools other than those listed will not be ranked in the top ten placings at State Fair.

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 286. UNIT 3 – Nailing it Together – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 287. UNIT 3 – Nailing it Together – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 288. UNIT 4 – Finishing Up – Juniors

NOTE: Tools used are all tools mentioned in Units 1-3, and circular saw, radial arm saw, planer, wood lathe, chop saw, and other power tools needed to complete Unit 4 projects.

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 289. UNIT 4 – Finishing Up – Intermediates

Exhibit requirements the same as for UNIT 1 – Juniors.

CLASS 290. UNIT 4 – Finishing Up – Seniors

Exhibit requirements the same as for UNIT 1 – Juniors.

DEPT. M – VISUAL ARTS

Note: Please read 4-H Project Exhibit Rules on page 1.

There is no limit for years of participation in a unit.

The Visual Arts project has two manuals, Portfolio Pathways and Sketchbook Crossroads. Portfolio Pathways has three chapters: Chapter 1 – Painting, Chapter 2 – Printing, and Chapter 3 – Graphic Design. Sketchbook Crossroads has three chapters: Chapter 1 – Drawing, Chapter 2 – Fiber Arts, and Chapter 3 – Sculpture.

CLASS 291. Portfolio Pathways—Painting, Printing and Graphic Design – Juniors

Exhibit will consist of the following:

- A. Completed E-Record in a sturdy binder/notebook.
- B. Complete a minimum of two art techniques listed under the media of Painting, Printing or Graphic Design. Provide pictures of all completed art techniques on the Specific Project Information page in the E-Record. (Art techniques for painting: acrylics, watercolors, abstracts, sand painting, self-portrait, action painting, oil painting with impasto, scumbling and perspective and encaustic painting. See manual for printing and graphic-design techniques.
- C. Explain in your 4-H E-Record story what you learned.
- D. Exhibit – display your best art design. Oil paintings and acrylic paintings should be no larger than 16” x 24” and ready to hang (no frames should be used). Watercolor paintings should use small mat

and be framed with glass. The framed watercolor should not be larger than 16” x 24”.

CLASS 292. Portfolio Pathways – Painting, Printing and Graphic Design – Intermediates

Exhibit requirements the same as for CLASS 291.

CLASS 293. Portfolio Pathways – Painting, Printing and Graphic Design – Seniors

Exhibit requirements the same as for CLASS 291.

CLASS 294. Sketchbook Crossroads – Drawing, Fiber and Sculpture – Juniors

Exhibit will consist of the following:

- A. Completed project manual and E-Record presented in a sturdy binder/notebook.
- B. Complete a minimum of two art techniques listed under the media of Drawing, Fiber or Sculpture. Provide pictures of all completed art techniques on the Specific Project Information page in the E-Record. (Art techniques for drawing: continuous and contour, shading, perspective, paper choices, colored pencils, pen and ink, calligraphy and cartooning.) See manual for fiber and sculpture techniques.
- C. Explain in your 4-H E-Record story what you learned.
- D. Exhibit – display your best art design or sculpture. Framed drawings shall be no larger than 16” x 24” including the frame and ready to hang. Fiber art should be framed and ready to hang and no larger than 16” x 24”.

CLASS 295. Sketchbook Crossroads – Drawing, Fiber and Sculpture – Intermediates

Exhibit requirements the same as for CLASS 294.

CLASS 296. Sketchbook Crossroads – Drawing, Fiber and Sculpture – Seniors

Exhibit requirements the same as for CLASS 294.

DEPT. M – PRIMARY 4-H

CLASS 297. Arts & Crafts

Exhibit will consist of the following:

- A. Completed record book.
- B. Exhibit article.

CLASS 298. Hand Sewing

Exhibit will consist of the following:

- A. Completed record book.
- B. Exhibit article.

CLASS 299. Garden

Exhibit will consist of the following:

- A. Completed record book.
- B. Exhibit showing what was learned.

CLASS 300. Entomology

Exhibit will consist of the following:

- A. Completed record book.
- B. Exhibit showing what was learned.

CLASS 301. Primary Calf

Exhibit will consist of the completed record book.

CLASS 302. Primary Lamb

Exhibit will consist of the completed record book.

CLASS 303. Primary Goat

Exhibit will consist of the completed record book.

CLASS 304. Primary Rabbit

Exhibit will consist of the completed record book.

CLASS 305. Primary Poultry

Exhibit will consist of the completed record book.

CLASS 306. Primary Dog

Exhibit will consist of the completed record book.

PRIMARY FOODS

See Department L in this syllabus for class number and exhibit requirements.

PRIMARY DECORATE YOUR DUDS

See Department L in this syllabus for class number and exhibit requirements.

DEPARTMENT JS

SHOOTING SPORTS

Note: Please read 4-H Project Exhibit Rules on page 1.

Shooting Sports Inventory is required. Discipline Score Sheet Record is required – fill out only for the discipline you are exhibiting. Example: If you are exhibiting Archery, then fill out the Archery Score Sheet Record only. If you are exhibiting Shotgun & Muzzleloading, then fill out a Shotgun Score Sheet Record and a Muzzleloading Score Sheet Record.

Project Exhibit Rules:

1. E-Record and Shooting Sports Inventory and Discipline Score Sheet Record are required for this project.
2. Display should illustrate a chosen aspect of skill areas. The standardized display board size of 4' x 3' is to be used for 4-H projects.
3. No live ammo, broadheads, knives or functional firearms are allowed to be displayed.
4. Exhibits which address more than one discipline area or a skill or knowledge not readily categorized in a particular existing 4-H shooting discipline should be entered in miscellaneous.
5. Label each item with name, address and county.

Items in wrong classes will NOT be eligible for blue ribbon placing. Exhibits must be entered in discipline that exhibit relates to.

All Exhibits will consist of the following:

- A. Completed e-Record presented in a sturdy binder/notebook.
- B. A Shooting Sports Inventory Record is required.
- C. A Discipline Record Score Sheet is required.
- D. Display items illustrating something learned in the project this year. Exhibit may be a display board or a stand-alone item, such as gun stocks, decoys. Display items are to be entered in specific discipline that the exhibit relates to (i.e. air rifle, .22, shotgun, etc.) The standardized display board size of 4' x 3' is to be used for 4-H projects.

CLASS 1. Archery – Junior

CLASS 2. Archery – Intermediate

CLASS 3. Archery – Senior

CLASS 4. Air Rifle – Junior

CLASS 5. Air Rifle – Intermediate

CLASS 6. Air Rifle – Senior

CLASS 7. Shotgun – Junior

CLASS 8. Shotgun – Intermediate

CLASS 9. Shotgun – Senior

CLASS 10. .22 Rifle – Junior

CLASS 11. .22 Rifle – Intermediate

CLASS 12. .22 Rifle – Senior

CLASS 13. Muzzleloading – Junior

CLASS 14. Muzzleloading – Intermediate

CLASS 15. Muzzleloading – Senior

CLASS 16. Air Pistol – Junior

CLASS 17. Air Pistol – Intermediate

CLASS 18. Air Pistol – Senior

CLASS 19. Outdoor Skills – Junior

CLASS 20. Outdoor Skills – Intermediate

CLASS 21. Outdoor Skills – Senior

CLASS 22. Miscellaneous – Junior

CLASS 23. Miscellaneous – Intermediate

CLASS 24. Miscellaneous - Senior

DEPARTMENT H

YOUTH CROPS

Project Exhibit Rules:

1. Exhibit in place by 9:30 a.m. Thursday with attached entry tag.
2. It is the exhibitor's responsibility to see that their product(s) are judged.
3. Grains will be judged with regard to seed value: grasses for forage value. In selecting exhibits, the following points should be considered: Condition, characteristics, uniformity of size and color, freedom from blemishes, diseases, and weed seeds.
4. An exhibitor may not make more than one entry of the same variety in the same class.
5. Crops in the junior division will be judged on physical appearance. Ribbon placings and rosettes will be determined by the judge on the basis of 100% on physical appearance.
6. Junior exhibitors showing in the open class must have two separate entries (one for youth 4-H class and one for open class).
7. This is a terminal show and therefore, samples will not be returned to exhibitors.

Kit Carson County Farm Bureau will be sponsoring the following:
\$50 cash award for Overall Best Bundle of Corn.
(Judging for this award will include 4-H & Open entries).

GRAINS

(1 Gallon Glass Display containers will be furnished by Kit Carson County Fair.)

CLASS 1. Winter Wheat – (variety named)

CLASS 2. Corn – (variety named)

CLASS 3. Beans – (variety named)

CLASS 4. Sunflower – (variety named)

3 HEAD DISPLAY

CLASS 5. Sunflower

10 HEAD – 10 EAR DISPLAY

CLASS 6. Corn for Grain

CLASS 7. Grain for Sorghum

CLASS 8. Other

6-INCH BUNDLE DISPLAY

CLASS 9. Sudan, Millet, Alfalfa, Cereals, Etc.

3-STALK DISPLAY

CLASS 10. Sunflower

6-STALK DISPLAY

CLASS 11. Pinto Beans

CLASS 12. Corn for Silage

CLASS 13. Corn for Grain

CLASS 14. Grain Sorghum

CLASS 15. Forage Sorghum

NOVELTY CROPS

CLASS 16. Tallest Corn

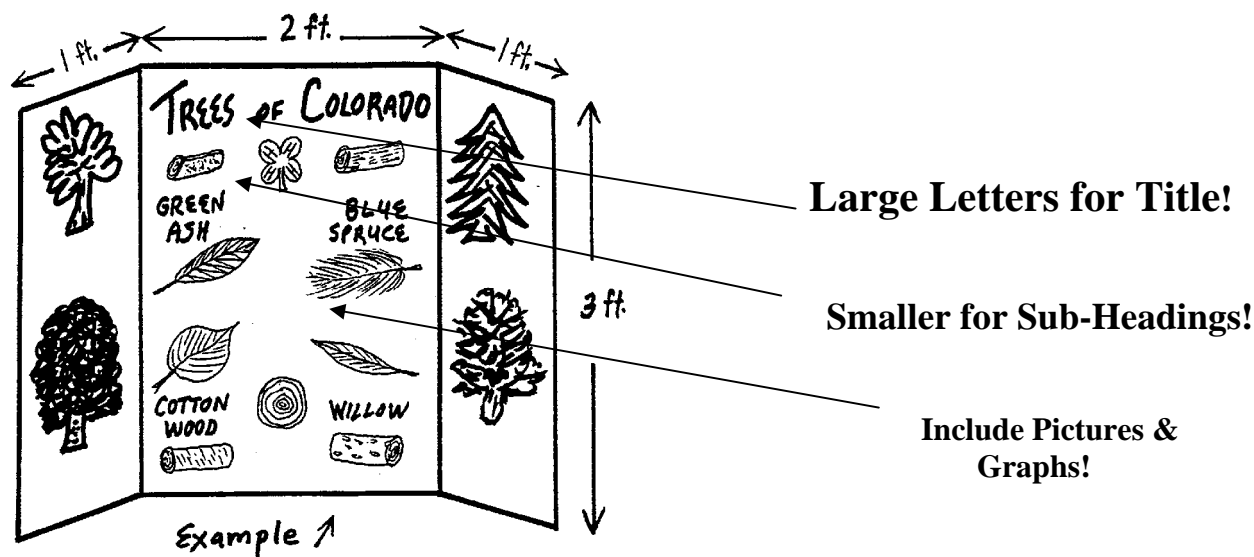
CLASS 17. Other and Miscellaneous

Displays for Colorado 4-H Project Exhibits

1. Display boards are made of lightweight cardboard and are sturdy, attractive, inexpensive and available at the Extension Office. When opened, the 1' wide winged sides provide a surface to help the exhibits stand alone on a tabletop. The standardized display board size of 4' x 3' with sides that do not overlap is to be used for 4-H projects. (See example below.)
2. No headers or attachments are allowed on the display boards.

Example: display board dimensions

Example: display board lettering



Tips:

- Boards must be easily read from a distance of three-to-five feet. Use large, bold letters (at least 3" high) for exhibit title or captions.
- Design the exhibit, keeping in mind the size and shape of the open display board (three surfaces including the wings).
- When mounting items on the display board, avoid things that are bulky or heavy that could cause the display board to collapse. Mount items securely so they won't fall off. Tape will not work.
- You have only three minutes for the message to be read; be concise.
- Tell your story with visuals.
- Avoid putting too much in the exhibit. It should never have a crowded look.
- Dark lettering on a light background is most visible.
- Do not use headers or attachments on your display board.

Binder: (For Records and additional materials and manuals)

- Use a hard front and back binder with steel fasteners that adjust to the size of the contents to hold the e-Record, manuals, supplements and other materials securely.
- Should stack easily and lie flat.
- No binders with slider enclosures will be allowed.

Notebooks: (allowed for **Photography & Global Citizenship** Only)

Hardback three-ring notebook no larger than 10" x 12" in size for all units.

APPENDIX A

Colorado 4-H Home Economics & General Projects

Hints for Excellent Exhibits & Record Books

by Daniel Einarsen, 4-H Agent, Arapahoe County

“What makes an outstanding 4-H exhibit?”

“Why did that kid get a higher placing than I did?”

“How could that goofy judge give *this* project a champion ribbon?”

Sound familiar? Admit it – you’ve probably thought or said these things, too.

Here are some answers when members & parents ask such questions:

1. **First of all**, a judge is hired to evaluate each exhibit on its own merit & quality - based on 4-H standards - as stated in the county fair book, (which should follow the Colorado State Fair 4-H Syllabus).

Regardless of quality, if an exhibit or record doesn’t follow published standards, it should not receive a blue ribbon. Nothing is unfair about this! Yet, some judges are not comfortable with this rule and feel it is inequitable to award a red ribbon for a “decent effort.” At state fair, a project *must* fall within the specific size and skill level parameters and match specific unit requirements in order to be placed in the “top ten.”

Judges and Extension staff can either **a)** “take the heat” for sticking to the rules verbatim and appearing heartless, or **b)** take the heat for flexibility and “not being fair to the kids who read and follow the rules.” Interview judging is helpful, but not universally practiced.

At any rate, 4-H families, volunteers and judges must have ready access to clearly written exhibit requirements in order to meet 4-H project expectations.

2. **Secondly**, the judge compares unit exhibits & records with each other. Let’s talk about records first. Some records are very complete, neat, and detailed about goals accomplished, field trips taken, demonstrations given, 4-H activities outside the project, etc. Many records have excellent photos, too. Some have wonderful written stories about what the 4-H’er learned and how much they gained from the project.

Other records are incomplete, brief, sloppy, full of spelling errors, etc. Some appear to be done by an adult or written in the car on the way to the fair. Some have a very brief story or none at all. Some have poor photos or none. A poorly done record book will diminish the overall exhibit quality, but an outstanding record book enhances any exhibit!

3. **Another thing** for 4-H’ers to remember is: records may not always be put on display with the exhibit, but the judge *does* read them. So it’s important to do a good job on records first. Judges may also be more lenient with parameters such as spelling, grammar and detail with younger, beginning members - but tougher on older, advanced members.

4. **Now**, what about the exhibit? Advice to kids: Your exhibit is what everyone comes to the fair to see, so make the display a real 'eye catcher' from a distance of 6 feet if you want anyone to notice it and learn something from you. If your exhibit gives a good first impression, the viewer will take a longer look.

Some exhibits *jump out at you*. Others don't. Some exhibits are striking, simple, attractive from a distance, and make you want to look longer. Others are not. Some showboard displays are too complex or *busy*, with too many small details or tiny words printed on them. Poor exhibits are often fragile, poorly constructed or flimsy, and may not survive the environmental conditions at the fair. Other problems arise when exhibit items don't match the unit, or look like they were "thrown together the night before."

An outstanding exhibit has the following qualities:

- 1) Follows unit requirements and rules in the fairbook
- 2) Attractive
- 3) Relatively simple
- 4) Colorful and/or showing strong contrast
- 5) Creative or artistic
- 6) Sturdy (won't fall apart in transit)
- 7) Educational
- 8) Intriguing
- 9) Gives viewer the impression that you enjoyed this project
- 10) Makes the viewer remark "wow" or "nicely done"

5. **A 4-H'er should** obtain a copy of the judging sheet prior to developing an exhibit. It shows what the judge will look for. 4-H members should also be trained in decision making/judging - through the 4-H program - so that they can learn to evaluate differences, based on criteria, and put themselves in the judge's shoes.

Bottom Line: Here's what a judge likes to see:

- 1) Complete, neat records indicating the 4-H'er learned and had fun.
- 2) A good story with interesting experiences explained.
- 3) Several photos with at least one action shot of the member doing something with their project. Photos showing processes, growth, change and action are always interesting. Years later, this will be the first page the 4-H member will turn to and reminisce.
- 4) Optional reports, experiments, etc. that are allowed.
- 5) An exhibit that has the 10 qualities listed above.

6. **The final thing to remember is that 4-H is about developing youth character and skills, more than the color of ribbons on projects. If 4-H'ers have done their very best, it doesn't matter where their exhibits place. And, if they aspire to "Make the Best Better" they are indeed CHAMPIONS!**