

**CONSUMER SCIENCE &  
GENERAL PROJECT DEPARTMENTS**

**Overall Consumer Science Superintendent:  
Betty LaVan**

**Overall General Superintendent: Tammie Brown  
Display Superintendent: Dana McClure**

**Age Divisions:**

Junior: 8-10 years old as of December 31 of the current 4-H year

Intermediate: 11-13 years old as of December 31 of the current 4-H year

Senior: 14-18 years old as of December 31 of the current 4-H year

**County Fair Entries: June 8**

**Project Check-in & Judging: July 14**

**(See interview judging schedule for time)**

**RULES AND PROCEDURES:**

1. Each member must turn in an entry for EVERY PROJECT they wish to exhibit.
2. 4-H members who are enrolled in more than one unit of the same project are permitted to exhibit in as many units as they desire. Youth may only enter once in each unit. Each unit requires a current year's e-record.
3. All Consumer Science and General projects will be INTERVIEW JUDGED according to the schedule that will be made after entry forms are returned. (Parents and Leaders may attend the interview judging as an observer if they wish.) If a member will be out of town on the scheduled day, someone else can bring the EXHIBIT AND e-RECORD for the member as only the exhibit and e-record are judged. All projects must be completed when delivered to interview judging.
4. Grand Champion and Reserve Grand champion can be given in each division if merited. Only first blue in each unit will be eligible to compete at the Colorado State Fair. Merit of exhibit will determine the ribbon awarded. Incomplete exhibits will receive a white ribbon.
5. Exhibits that exceed project skill, number or size requirements will not be considered for Champion or Reserve Champion or first blue placing and WILL NOT BE SENT TO STATE FAIR.
6. Youth may not enter the same exhibit more than one year.
7. Best Records: The Best Consumer Science e-Records and the Best General e-Records will be selected, in each age division, at the County Fair, but not announced until Achievement Night. Youth can only win this award **two times**.
8. Judges decisions are final.

9. Exhibits that are not in good taste or suggest any negative connotation will not be displayed, i.e. violence, drugs, alcohol or tobacco.

**COMMUNITY PRIDE**

Community Pride projects must be entered in the General Department on Interview Judging Day. The exhibits will be judged and displayed during County Fair. An award will be given to the Grand Champion at Achievement Night. Each club is encouraged to participate in community service projects and display their Community Pride activities in a three-ring binder or photo album.

**CLOVERBUD PROJECT**

Cloverbuds are 4-H members 5-7 years of age and are encouraged to enter an exhibit at County Fair. Cloverbud projects should be entered the same day as the rest of the Consumer Science and General Projects. Cloverbud members may do a single entry or they may choose to do a group project; each Cloverbud participant will receive a participation ribbon.

**COUNTY PROJECTS**

County projects are not eligible for competition at the Colorado State Fair. Youth should complete the Consumer Science & General Projects e-record. Accompanying the e-record should be a project and display board illustrating a topic that was explored and learned during the project year.

**DISPLAY BOOKS**

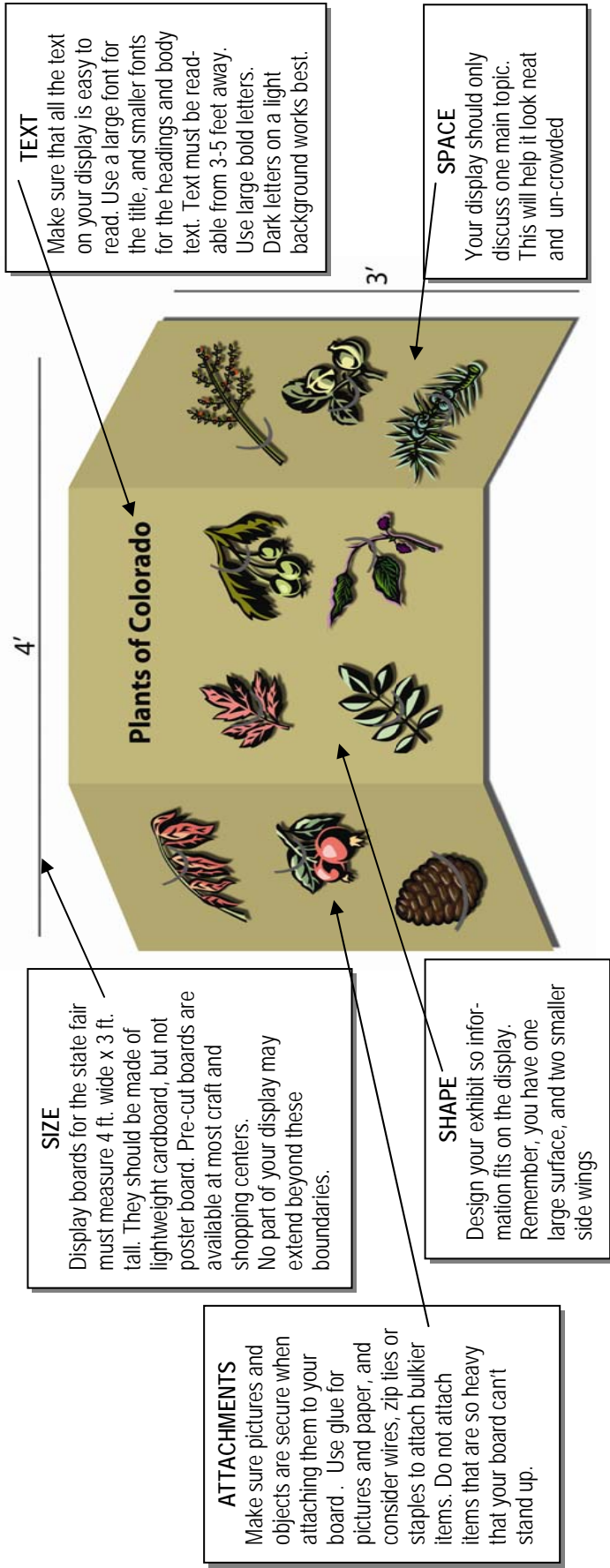
Your e-record book should accompany your board. You may use 3-ring binders or other notebooks that will keep the pages securely inside. You may not use slider-type binders.

Please place a label with the following information in the upper right-hand corner of the cover:

*County, Name, Project Area, and Class*  
(See example)

**DISPLAY BOOKS:**  
**SAMPLE**

Pueblo County  
010  
Jane Doe  
15  
Animal Science  
Vet Science  
Class 009



**TEXT**

Make sure that all the text on your display is easy to read. Use a large font for the title, and smaller fonts for the headings and body text. Text must be readable from 3-5 feet away. Use large bold letters. Dark letters on a light background works best.

**SPACE**

Your display should only discuss one main topic. This will help it look neat and un-crowded

4'

3'

**Plants of Colorado**

**SIZE**

Display boards for the state fair must measure 4 ft. wide x 3 ft. tall. They should be made of lightweight cardboard, but not poster board. Pre-cut boards are available at most craft and shopping centers. No part of your display may extend beyond these boundaries.

**SHAPE**

Design your exhibit so information fits on the display. Remember, you have one large surface, and two smaller side wings

**ATTACHMENTS**

Make sure pictures and objects are secure when attaching them to your board. Use glue for pictures and paper, and consider wires, zip ties or staples to attach bulkier items. Do not attach items that are so heavy that your board can't stand up.

## VETERINARY SCIENCE

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### FROM AIREDALES TO ZEBRAS—UNIT 1

Class 001 From Airedales to Zebras Jr.  
Class 002 From Airedales to Zebras Int.  
Class 003 From Airedales to Zebras Sr

### ALL SYSTEMS GO! —UNIT 2

Class 004 All Systems Go Jr  
Class 005 All Systems Go Int.  
Class 006 All Systems Go Sr

### ON THE CUTTING EDGE—UNIT 3

Class 007 On the Cutting Edge Jr.  
Class 008 On the Cutting Edge Int.  
Class 009 On The Cutting Edge Sr.

**Note: Turn in work only from the above manuals. Do not fill out the Nebraska materials, (The Normal Animal, Animal Disease, and Animal Health). They are for resource only.**

All exhibits will consist of the following:

A. A (**Cooperative Curriculum System, CCS—From Airedales to Zebras or All Systems Go or 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

## HORSELESS HORSE

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### HORSELESS HORSE—UNIT 1

Class 010 Unit 1 Jr.  
Class 011 Unit 1 Int.  
Class 012 Unit 1 Sr.

### HORSELESS HORSE—UNIT 2

Class 013 Unit 2 Jr.  
Class 014 Unit 2 Int.  
Class 015 Unit 2 Sr.

### **HORSELESS HORSE—UNIT 3**

Class 016 Unit 3 Jr.  
Class 017 Unit 3 Int.  
Class 018 Unit 3 Sr.

### **HORSELESS HORSE—UNIT 4**

Class 019 Unit 4 Jr.  
Class 020 Unit 4 Int.  
Class 021 Unit 4 Sr.

All exhibits 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 ft. x 3 ft. is to be used with 4-H projects.
- C. No three-dimensional display items are allowed either on or in front of the boards.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **GARDENING**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

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

### **SEE THEM SPROUT ---UNIT 1**

Class 022 See Them Sprout Jr.  
Class 023 See Them Sprout Int.  
Class 024 See Them Sprout Sr.

### **LET'S GET GROWING! ---UNIT 2**

Class 025 Let's Get Growing Jr.  
Class 026 Let's Get Growing Int.  
Class 027 Let's Get Growing Sr.

### **TAKE YOUR PICK ---UNIT 3**

Class 028 Take Your Pick Jr.  
Class 029 Take Your Pick Int.  
Class 030 Take Your Pick Sr.

### **GROWING PROFITS ---UNIT 4 (Senior Adv)**

Class 031 Growing Profits Sr. Adv.

All exhibits will consist of

- 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **WEEDS**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### **COLLECTION AND IDENTIFICATION—UNIT 1**

Class 032 Collection and Identification Jr.  
Class 033 Collection and Identification Int.  
Class 034 Collection and Identification Sr.

Exhibits 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 plants specimens from any of the lists in Appendix A. Include part of the root, stem, leaves and flowers. Mounted on 11 ½" x 16 ½" cardboard, properly labeled, dated and classified according to common and scientific name. Mounts are to be bound together in book fashion.

### **GROWING HABITS AND CONTROL—UNIT 2**

Class 035 Growth Habits and Control Jr.  
Class 036 Growth Habits and Control Int.  
Class 037 Growth Habits and Control Sr.

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 11 ½" x 16 ½" cardboard, properly labeled, dated and classified. Mounts are to be bound together in book fashion.

### **NOXIOUS WEED CONTROL—UNIT 3**

Class 038 Noxious Weed Control Jr.  
Class 039 Noxious Weed Control Int.  
Class 040 Noxious Weed Control Sr.

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.

**ADVANCED WEEDS—UNIT 4**

Class 041 Advanced Weeds Jr.  
Class 042 Advanced Weeds Int.  
Class 043 Advanced Weeds Sr.

Exhibits 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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

**BICYCLE**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

**BICYCLING FOR FUN—Unit 1**

Class 100 Bicycling for Fun Jr.  
Class 101 Bicycling for Fun Int.  
Class 102 Bicycling for Fun Sr.

**WHEELS IN MOTION—Unit 2**

Class 103 Wheels in Motion Jr.  
Class 104 Wheels in Motion Int.  
Class 105 Wheels in Motion Sr.

**BICYCLE SELF-DETERMINED—Unit 3**

Class 106 Bicycle Self-Determined Int.  
Class 107 Bicycle Self-Determined Sr.

All exhibits 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 ft. x 3 ft. is to be used with 4-H projects.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **COMPUTERS**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

**1. 4-H members may stay in an 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.**

### **NEWBIE KNOW-HOW**

Class 108	Newbie Know-How	Jr.
Class 109	Newbie Know-How	Int.
Class 110	Newbie Know-How	Sr.

All exhibits 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 4ft. x 3ft. is to be used for 4-H projects.

### **INSIDE THE BOX**

Class 111	Inside the Box	Int.
Class 112	Inside the Box	Sr.

All exhibits will consist of the following:

- A. One sturdy binder 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

### **P2P—PEER TO PEER**

Class 113	P2P - Peer to Peer	Int.
Class 114	P2P - Peer to Peer	Sr.

All exhibits 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

### **TEENS TEACHING TECH**

Class 115 Teens Teaching Tech Sr.

All exhibits will consist of the following:

A. One sturdy binder/notebook 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects go to [http://www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) and look under Display Hints and Tips and Project Tips.

## **ELECTRIC**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### **MAGIC OF ELECTRICITY—UNIT 1**

Class 116 Magic of Electricity Jr.  
Class 117 Magic of Electricity Int.  
Class 118 Magic of Electricity Sr.

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

### **INVESTIGATING ELECTRICITY—UNIT 2**

Class 119 Investigating Electricity Jr.  
Class 120 Investigating Electricity Int.  
Class 121 Investigating Electricity Sr.

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

### **WIRED FOR POWER—UNIT 3**

Class 122 Wired for Power Jr.

Class 123 Wired for Power Int.

Class 124 Wired for Power Sr.

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: 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

### **ENTERING ELECTRONICS—UNIT 4 (Senior Advanced)**

Class 125 Entering Electronics Sr.

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## GEOSPATIAL

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

**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.**

### **Setting Out Level 1**

Class 126 Setting Out Jr.  
Class 127 Setting Out Int.  
Class 128 Setting Out Sr.

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 display board. The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film

### **On the Trail -- Level 2**

Class 129 On the Trail Jr.  
Class 130 On the Trail Int.  
Class 131 On the Trail Sr.

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 display board. The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board. Exhibitors are

encouraged to laminate all posters/maps or cover them with clear plastic film

### **Reaching Your Destination --- Level 3**

Class 132	Reaching Your Destination	Jr.
Class 133	Reaching Your Destination	Int.
Class 134	Reaching Your Destination	Sr.

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. Explain 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 display board. The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film

### **Group Projects (Developed by two or more 4-H members).**

Class 135	Group Project	Jr.
Class 136	Group Project	Int.
Class 137	Group Project	Sr.

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 display board. The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

## **MODEL ROCKETRY**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

**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 (balsa, and basswood) and finished with paint in classes indicated. No plastic fins for Units 1-3.**

**3. Fins must be balsa wood (balsa, and basswood) and finished with paint in classes indicated. No plastic fins for Units 1-3.**

**4. Rockets are to be displayed and held vertically by a rod or support no taller than the rocket on a base not to exceed 12”x12”x1” 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.**

**NOTE: Please read specific rules for your unit.**

## **INTRODUCTION TO ROCKETRY UNIT 1**

### **Balsa Fins Only**

Class 138	Introduction to Rocketry	Jr.
Class 139	Introduction to Rocketry	Int.
Class 140	Introduction to Rocketry	Sr.

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 rearengine 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.

## **BASIC MODEL ROCKETRY—UNIT 2**

### **Balsa Fins Only**

Class 141 Basic Model Rocketry Jr.

Class 142 Basic Model Rocketry Int.

Class 143 Basic Model Rocketry Sr.

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 rearengine 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 display related to work done at Skill Level II.

### **INTERMEDIATE MODEL ROCKETRY—UNIT 3**

#### **Balsa Fins Only**

Class 144 Intermediate Model Rocketry Jr.  
Class 145 Intermediate Model Rocketry Int.  
Class 146 Intermediate Model Rocketry Sr.

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 reengine 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.

## ADVANCED MODEL ROCKETRY—UNIT 4

### Finished fins of any type

Class 147 Advanced Model Rocketry Jr.  
Class 148 Advanced Model Rocketry Int.  
Class 149 Advanced Model Rocketry Sr.

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 rearengine 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.

## DESIGNER MODEL ROCKETRY—UNIT 6

### Finished fins of any type

Class 150 Designer Model Rocketry Jr.  
Class 151 Designer Model Rocketry Int.  
Class 152 Designer Model Rocketry Sr.

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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **THE POWER OF WIND**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

***The exhibit must be able to go through a standardized door (approx. 31" x 80" and approximately no taller than 8 feet high). If the exhibit is exceeds these dimensions, please contact the State 4-H Office (970-491-7883) prior to entering the state fair.***

### **Power of Wind --- Powered Vehicle**

Class 153	Powered Vehicle	Jr.
Class 154	Powered Vehicle	Int.
Class 155	Powered Vehicle	Sr.

A. A completed e-Record presented in a sturdy binder/notebook.

B. A wind powered vehicle that has been designed, built and tested by the 4-H member.

C. Attach a self-explanatory single side sheet of paper to the exhibit, explaining the power of wind vehicle (large enough to read).

**Power of Wind --- Powered Machine**

Class 156	Powered Machine	Jr.
Class 157	Powered Machine	Int.
Class 158	Powered Machine	Sr.

A. A completed e-Record presented in a sturdy binder/notebook.

B. A wind powered machine that has been designed, built and tested by the 4-H member.

C. Attach a self-explanatory single side sheet of paper to the exhibit, explaining the power of wind machine (large enough to read).

**Power of Wind ---Sculpture**

Class 159	Wind Sculpture	Jr.
Class 160	Wind Sculpture	Int.
Class 161	Wind Sculpture	Sr.

A. A completed e-Record presented in a sturdy binder/notebook.

B. A wind-powered sculpture that has been designed, built and tested by the 4-H member.

C. Attach a self-explanatory single side sheet of paper to the exhibit, explaining the power of wind sculpture (large enough to read).

**Power of Wind --- Other**

Class 162	Other	Jr.
Class 163	Other	Int.
Class 164	Other	Sr.

A. A completed e-Record presented in a sturdy binder/notebook.

B. A wind powered other that has been designed, built and tested by the 4-H member.

C. Attach a self-explanatory single side sheet of paper to the exhibit, explaining the power of wind other (large enough to read).

**Group Projects (Developed by two or more 4-H members).**

Class 165	Group Project	Jr.
Class 166	Group Project	Int.
Class 167	Group Project	Sr.

Exhibit will consist of the following:

A. At least a one page story about the project including these items: purpose of design, goals, plan, accomplishments, evaluation, and how each person on the team contributed to the project.

B. A wind powered vehicle, machine, sculpture or other

C. Attach a self-explanatory single side sheet of paper to the exhibit, explaining what you designed (large enough to read).

## **SMALL ENGINES**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### **CRANK IT UP—UNIT 1**

Class 168 Crank It Up Jr.  
Class 169 Crank It Up Int.  
Class 170 Crank It Up Sr.

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

### **WARM IT UP—UNIT 2**

Class 171 Warm It Up Jr.  
Class 172 Warm It Up Int.  
Class 173 Warm It Up Sr.

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

### **TUNE IT UP—UNIT 3**

Class 174 Tune It Up Jr.  
Class 175 Tune It Up Int.  
Class 176 Tune It Up Sr.

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 Engine manual. You may use pictures or any records you kept to provide evidence of your accomplishments and what you have learned. Display may include an additional item related to the topic such as 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

#### **ADVANCED ENGINES—UNIT 4**

Class 177 Advanced Small Engines Jr.

Class 178 Advanced Small Engines Int.

Class 179 Advanced Small Engines Sr.

Exhibit will consist of the following:

**Note: This unit can be used for any type of engines (tractor, car, etc.)**

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **ENTOMOLOGY**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56 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 for that particular unit. Refer to the exhibit requirements for the number of insects to collect for that unit.**

**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 3 ½" Deep  
18"W x 24"L x 3 ½ "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.**

- 3. On Units 2 through 7, records must include data and location where insects were collected. Place this information on labels attached to pins.**

### **LET'S LEARN ABOUT INSECTS—UNIT 1**

Class 200 Let's Learn About Insects Jr.  
Class 201 Let's Learn About Insects Int.  
Class 202 Let's Learn About Insects Sr.

Exhibit will consist of the following:

- Completed e-Record and Entomology workbook presented in a sturdy binder/notebook.
- 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" x 16" x 3". Regular insect pins are required.

### **LEARN MORE ABOUT INSECTS—UNIT 2**

Class 203 Learn More About Insects Jr.  
Class 204 Learn More About Insects Int.  
Class 205 Learn More About Insects Sr.

Exhibit will consist of the following:

- Completed e-Record and workbook presented in a sturdy binder/notebook
- 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.

### **INSECT HABITS AND CONTROLS—UNIT 3**

Class 206 Insect Habits and Controls Jr.  
Class 207 Insect Habits and Controls Int.  
Class 208 Insect Habits and Controls Sr.

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.

#### **INSECT IDENTIFICATION AND COMMUNITY PROJECTS—UNIT 4**

Class 209 Insect Identification/Community Projects Jr.

Class 210 Insect Identification and Community Projects Int.

Class 211 Insect Identification and Community Projects Sr.

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.

#### **IMMATURE INSECTS AND LIFE STAGES—UNIT 5**

Class 212 Immature Insects and Life Stages Jr.

Class 213 Immature Insects and Life Stages Int.

Class 214 Immature Insects and Life Stages Sr.

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.

#### **EXPLORING WITH INSECTS—UNIT 6**

Class 215 Exploring with Insects Jr.

Class 216 Exploring with Insects Int.

Class 217 Exploring with Insects Sr.

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.

**EXPLORING WITH INSECTS-ADVANCED—  
UNIT 7**

Class 218 Exploring with Insects Adv Jr.  
Class 219 Exploring with Insects Adv Int.  
Class 220 Exploring with Insects Adv Sr.

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

**FORESTRY**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

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

**FOLLOW THE PATH—UNIT 1**

Class 221 Follow the Path Jr.  
Class 222 Follow the Path Int.  
Class 223 Follow the Path Sr.

**REACH FOR THE CANOPY—UNIT 2**

Class 224 Reach for the Canopy Jr.  
Class 225 Reach for the Canopy Int.  
Class 226 Reach for the Canopy Sr.

**EXPLORE THE DEEP WOODS—UNIT 3**

Class 227 Explore the Deep Woods Jr.  
Class 228 Explore the Deep Woods Int.  
Class 229 Explore the Deep Woods Sr.

All exhibits 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 ft. x 3 ft. is to be used for 4-H projects.

Note: There is a Forestry Helper's Guide that

contains forestry group activities.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **OUTDOOR ADVENTURES**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

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

### **HIKING TRAILS—UNIT 1**

Class 230 Hiking Trails Jr.  
Class 231 Hiking Trails Int.  
Class 232 Hiking Trails Sr.

### **CAMPING ADVENTURES—UNIT 2**

Class 233 Camping Adventures Jr.  
Class 234 Camping Adventures Int.  
Class 235 Camping Adventures Sr

### **BACKPACKING EXPEDITIONS—UNIT 3**

Class 236 Backpacking Expeditions Jr.  
Class 237 Backpacking Expeditions Int.  
Class 238 Backpacking Expeditions Sr.

All exhibits will consist of the following:

A. A completed manual and e-Record presented in a sturdy binder/notebook including these items: appropriate sections in 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **RANGE MANAGEMENT**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### **RANGE MANAGEMENT**

Class 239 Range Management Jr.  
Class 240 Range Management Int.  
Class 241 Range Management Sr.

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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **SHOOTING SPORTS**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

*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 and 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. This is separate from the statewide State Fair Shooting Sports Event listed under Special Events. (The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.) No wooden display cases.**
- 3. Counties may enter only one exhibit per class. 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.**

### **ARCHERY**

Class 242	Archery	Jr.
Class 243	Archery	Int.
Class 244	Archery	Sr.

### **AIR RIFLE**

Class 245	Air Rifle	Jr.
Class 246	Air Rifle	Int.
Class 247	Air Rifle	Sr.

### **SHOTGUN**

Class 248	Shotgun	Jr.
Class 249	Shotgun	Int.
Class 250	Shotgun	Sr.

## **.22**

Class 251 .22 Jr.  
Class 252 .22 Int.  
Class 253 .22 Sr.

## **MUZZLELOADING**

Class 254 Muzzleloading Jr.  
Class 255 Muzzleloading Int.  
Class 256 Muzzleloading Sr.

## **AIR PISTOL**

Class 257 Air Pistol Jr.  
Class 258 Air Pistol Int.  
Class 259 Air Pistol Sr.

## **OUTDOOR SKILLS**

Class 260 Outdoor Skills Jr.  
Class 261 Outdoor Skills Int.  
Class 262 Outdoor Skills Sr.

## **MISCELLANEOUS**

Class 263 Miscellaneous Jr.  
Class 264 Miscellaneous Int.  
Class 265 Miscellaneous Sr.

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. It can be found at:  
[www.4h.colorado.edu/project\\_resources/erecords](http://www.4h.colorado.edu/project_resources/erecords)**

**C. A Discipline Record Score Sheet is required. It can be found at:  
[www.4h.colorado.edu/prject\\_resources/erecords](http://www.4h.colorado.edu/prject_resources/erecords)**

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. .22, air rifle, shotgun, etc.). The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **SPORTFISHING**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

***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 ft. x 3 ft. is***

**to be used for 4-H projects. No additional items may be included on or in front of display board.) No wooden display cases**

**TAKE THE BAIT—UNIT 1**

Class 266 Take The Bait Jr.  
Class 267 Take the Bait Int.  
Class 268 Take the Bait Sr.

**REEL IN THE FUN—UNIT 2**

Class 269 Reel in the Fun Jr.  
Class 270 Reel in the Fun Int.  
Class 271 Reel in the Fun Sr.

**CAST INTO THE FUTURE—UNIT 3**

Class 272 Cast into the Future Jr.  
Class 273 Cast into the Future Int.  
Class 274 Cast into the Future Sr.

All exhibits 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 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 Fish 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) Exhibits may include stand-alone items such as hand-wrapped rods or hand-made lures. The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

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. Be sure to remove barbs and any other sharp points.

E. No knives to be displayed.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **WILDLIFE**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### **EXPLORING WILDLIFE**

Class 275	Exploring Wildlife	Jr.
Class 276	Exploring Wildlife	Int.
Class 277	Exploring Wildlife	Sr.

### **SMALL GAME**

Class 278	Small Game	Jr.
Class 279	Small Game	Int.
Class 280	Small Game	Sr.

### **WATERFOWL**

Class 281	Waterfowl	Jr.
Class 282	Waterfowl	Int.
Class 283	Waterfowl	Sr.

### **BIG GAME**

Class 284	Big Game	Jr.
Class 285	Big Game	Int.
Class 286	Big Game	Sr.

### **FURBEARERS**

Class 287	Furbearers	Jr.
Class 288	Furbearers	Int.
Class 289	Furbearers	Sr.

### **SONGBIRDS AND BIRDS OF PREY**

Class 290	Songbirds and Birds of Prey	Jr.
Class 291	Songbirds and Birds of Prey	Int.
Class 292	Songbirds and Birds of Prey	Sr.

All exhibits 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 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **CERAMICS**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

**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](http://www.colorado4h.org) under Project Resources/Record Books.***

**GLAZES—UNIT 1** —includes glazes on earthenware, stoneware and porcelain.

Class 300 Glazes Jr.  
Class 301 Glazes Int.  
Class 302 Glazes Sr.

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.

**UNDERGLAZES—UNIT 2** —includes underglazes on earthenware, stoneware and porcelain.

Class 303 Underglazes Jr.  
Class 304 Underglazes Int.  
Class 305 Underglazes Sr.

Exhibit will consist of the following:

A. Complete e-Record presented in a sturdy binder/notebook including these items on the Specific Project Information Page.

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.

**OVERGLAZES—UNIT 3** —includes overglazes on earthenware, stoneware and porcelain.

Class 306 Overglazes Jr.

Class 307 Overglazes Int.

Class 308 Overglazes Sr.

Exhibit will consist of the following:

A. Complete 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.

**UNFIRED FINISHES—UNIT 4** —Includes unfired finishes on earthenware, stoneware, and porcelain.

Class 309 Unfired Finishes Jr.

Class 310 Unfired Finishes Int.

Class 311 Unfired Finishes Sr.

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.

**PORCELAIN DOLLS—UNIT 5-** includes china paint on polished bisque or glazed porcelain (china). Softfired greenware is highly recommended for all doll projects.

Class 312	Porcelain Dolls	Jr.
Class 313	Porcelain Dolls	Int.
Class 314	Porcelain Dolls	Sr.

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.

**HAND-CONSTRUCTED IN STONEWARE—  
UNIT 6**

Class 315	Hand-Constructed	Jr.
Class 316	Hand-Constructed	Int.
Class 317	Hand-Constructed	Sr.

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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **GLOBAL CITIZENSHIP**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### **STUDY OF ANOTHER COUNTRY**

Class 318 Study of Another Country Jr.  
Class 319 Study of Another Country Int.  
Class 320 Study of Another Country Sr.

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.

### **HOST A DELEGATE FROM ANOTHER COUNTRY**

Class 321  
Host a Delegate From Another Country Jr.  
Class 322  
Host a Delegate From Another Country Int.  
Class 323  
Host a Delegate From Another Country Sr.

Exhibit will consist of the following:

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

1. Preparation for your Exchangee's Arrival—page 3 of manual.
2. The Arrival page—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

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.

### **PARTICIPATING AS A TEEN COUNSELOR**

Class 324 Participating as a Teen Counselor Int.

Class 325 Participating as a Teen Counselor Sr.

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.

### **EXCHANGE DELEGATE TO ANOTHER COUNTRY**

Class 326

Exchange Delegate to Another Country Int.

Class 327

Exchange Delegate to Another Country Sr.

All exhibits 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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **LEADERSHIP**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### **INDIVIDUAL SKILLS FOR YOUNG MEMBERS**

Class 328

Individual Skills for Young Members Jr.

### **INDIVIDUAL SKILLS FOR OLDER MEMBERS**

Class 329

Individual Skills for Older Members Int.

Class 330

Individual Skills for Older Members Sr.

### **SKILLS WORKING WITHIN GROUPS**

Class 331 Skills Working Within Groups Int.

Class 332 Skills Working Within Groups Sr.

### **SKILLS LEADING GROUPS**

Class 333 Skills Leading Groups Int.

Class 334 Skills Leading Groups Sr.

All exhibits will consist of the following:

- A. Completed e-Record.
- B. A display board telling how you developed or improved one leadership skill. The standardized display board size of 4 ft. x 3 ft. is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **LEATHERCRAFT**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

**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. Unit 8 is now an advanced creative stamping. It is recommended that 1st year Juniors take Unit 1 intro to stamping before taking Unit 8.**

6. Definitions:

**Carving** –is where you cut into the leather (usually swivel knife) as part of the design you are tooling.

**Tooling** –is where you use impressions made from tools to form a design.

**Solid color dyeing**—is where you dye the whole project the same color. For example, you tool a belt and then dye it all black, or you make a book cover and dye it all one color.

**Color shading** –is where you use shades of color to make the design look more realistic. For example, you can use darker and lighter shades of a color on a flower you have tooled to make it look realistic, or an animal or figure of any kind.

**Clear finish**—is a finish that has no color in it. For example, oil (no color added), leather finish spray or wipe on that has no color mixed in it.

## **INTRODUCTION TO LEATHERCRAFT & CREATIVE STAMPING—UNIT 1**

Class 335 Intro to Leathercraft & Stamping Jr.

Class 336 Intro to Leathercraft & Stamping Int.

Class 337 Intro to Leathercraft & Stamping Sr.

Exhibit will consist of the following:

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

B. Choose one of the items below for your exhibit:

1. One article or one set of articles on flat leather with no lacing or stitching, examples- bookmark, wrist bracelet, set of coasters.

2. One article with at least two pieces of leather that are sewed together with lace using a whip stitch or running stitch. Pre-cut kits or self-cut leather may be used. Examples: Key case or knife sheath.

3. One article with at least two pieces of leather that are sewed together with cord stitching. Use pre-cut kits with pre-punched holes –example: coin purse.

C. Apply a finish to complete your article.

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

**BEGINNING LEATHER CARVING  
LEATHERCRAFT—UNIT 2**

Class 338 Beginning Leather Carving Jr.  
Class 339 Beginning Leather Carving Int.  
Class 340 Beginning Leather Carving Sr.

Exhibit will consist of the following:

- A. Completed e-Record presented in a sturdy binder/notebook.
  
- B. Exhibit board 12"x18"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 and b).
  - 2. Two completed articles using tools and skills studied in Units 1 and 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.

**INTERMEDIATE LEATHER CARVING—UNIT 3**

Class 341 Leather Carving Jr.  
Class 342 Leather Carving Int.  
Class 343 Leather Carving Sr.

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 and human figures). No solid color dyeing or shading will be permitted.

**ADVANCED LEATHER CARVING—UNIT 4**

Class 344 Advanced Leather Carving Jr.  
Class 345 Advanced Leather Carving Int.  
Class 346 Advanced Leather Carving Sr.

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.

#### **COLORING AND SHADING—UNIT 5**

Class 347 Coloring and Shading Jr.  
Class 348 Coloring and Shading Int.  
Class 349 Coloring and Shading Sr.

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.

#### **PICTORIAL CARVING—UNIT 6**

Class 350 Pictorial Carving Jr.  
Class 351 Pictorial Carving Int.  
Class 352 Pictorial Carving Sr.

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.

#### **MAKING AND REBUILDING SADDLES—UNIT 7**

Class 353 Making and Rebuilding Saddles Jr.  
Class 354 Making and Rebuilding Saddles Int.  
Class 355 Making and Rebuilding Saddles Sr.

Exhibit will consist of the following:

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.

#### **CREATIVE STAMPING—UNIT 8**

Class 356 Creative Stamping Jr.  
Class 357 Creative Stamping Int.  
Class 358 Creative Stamping Sr.

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.

### **BRAIDING AND UNTOOLED—UNIT 9**

Class 359 Braiding and Untooled Jr.

Class 360 Braiding and Untooled Int.

Class 361 Braiding and Untooled Sr.

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.)

### **SEWING LEATHER—UNIT 10**

Class 362 Sewing Leather Jr.

Class 363 Sewing Leather Int.

Class 364 Sewing Leather Sr.

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.

## **PHOTOGRAPHY**

***NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56***

**Note: Please read 4-H Project Exhibit Rules on page 2.**

- 1. For all units, submit photo material for the current unit being entered. Do not submit previous photos or records.**
- 2. In Levels 1-3 pictures can either be mounted on the journal pages or on card stock. Use the tips on page 73 of the manuals for mounting the pictures.**
- 3. Best photo may be up to 5"x7" in size. Best Photo may be mounted on the journal page 7 or can be mounted on cardstock and identified as your "Best Photo".**
- 4. Binder/notebooks: Use a Hardback, three-ring notebook up to 3 inches 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.**
- 5. Videos must be appropriate for total family viewing.**

6. 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 1-4:

Camera used \_\_\_\_\_  
Type of film \_\_\_\_\_  
Exposure details \_\_\_\_\_  
Journal page # (if using card stock to mount pictures) \_\_\_\_\_  
Photo # (left to right and top to bottom) \_\_\_\_\_  
Subject: \_\_\_\_\_  
Date Photo Taken \_\_\_\_\_

8. Label Format for UNITS 6-7

Activity # \_\_\_\_\_  
Photo # \_\_\_\_\_  
Subject \_\_\_\_\_  
Date Photo Taken \_\_\_\_\_  
Notes: \_\_\_\_\_

9. Focus on Photography has been broken into two exhibit Levels --Level 1A and Level1B. 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, one for each notebook).

10. Unit 4 is now Lightning Photography. This unit is for the experienced photographer and for intermediates and seniors.

#### **FOCUS ON PHOTOGRAPHY—Level 1A**

Class 365 Level 1A Jr.  
Class 366 Level 1A Int.  
Class 367 Level 1A Sr.

Exhibit will consist of the following:

A. Completed e-Record. Include the following in your story: what camera you use 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. Level 1A photo exhibits will consist of the following Photo Journal pages from Project Areas: 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

## **FOCUS ON PHOTOGRAPHY—Level 1B**

Class 368	Level 1B	Jr.
Class 369	Level 1B	Int.
Class 370	Level 1B	Sr.

Exhibit will consist of the following:

A. Completed e-Record. Include the following in your story: what camera you use 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. Level 1B photo exhibits will consist of the following Photo Journal pages from Project Areas: 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 story format
9. Photo Journal page 64–3 to 5 photos
10. Photo Journal page 68–4 photos

## **CONTROLLING THE IMAGE—LEVEL 2**

Class 371	Controlling the Image	Jr.
Class 372	Controlling the Image	Int.
Class 373	Controlling the Image	Sr.

Exhibit will consist of the following:

A. Completed e-Record. Include the following in your story: what camera did you use this year (Brand name, film size, etc.), how do you store your negatives/discs and why did you pick your Best Photo pictures. Also include photos of you working on your project in the e-Record photo page.

B. 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:

- Photo Journal page 7–1 photo (Best Photo)  
Photo Journal page 12–3 still subject with different aperture settings (explained in manual page 10);  
3 moving subjects with different shutter speeds (explained in manual page 10)
1. Photo Journal page 16–6 photos
  2. Photo Journal page 20–3 photos as explained in manual on page 18
  3. Photo Journal page 24–2 photos with hard light and 2 photos will soft light

4. Photo Journal page 28–3 photos
5. Photo Journal page 32–3 photos
6. Photo Journal page 36–3 photos
7. Photo Journal page 40–3 photos
8. Photo Journal page 44–3 to 5 photos
9. Photo Journal page 48–1 photo
10. Photo Journal page 52–3 to 4 photos
11. Photo Journal page 56–2 photos
12. Photo Journal page 60–3 photos
13. Photo Journal page 64–3 photos
14. Photo Journal page 68–panorama

### **MASTERING PHOTOGRAPHY---UNIT 3**

Class 374	Mastering Photography	Jr.
Class 375	Mastering Photography	Int.
Class 376	Mastering Photography	Sr.

Exhibit will consist of the following.

A. Completed e-Record. Include the following in your story: what camera you use 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. 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

### **LIGHTNING PHOTOGRAPHY—Unit 4**

Class 380	Lightning Photography	Int.
Class 381	Lightning Photography	Sr.

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. A 5"x7" print 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.

C. Maximum size for the matted picture is no larger than 8"x10"

D. Attached to the back of the submitted print should be:

1. Name
2. County
3. Date, time, and location of photo
4. Make and model of camera used
5. Shutter speed and aperture setting
6. ASA film speed (for film cameras) or ISO resolution setting (for digital cameras)

### **ADVANCED PHOTOGRAPHY—UNIT 6**

Class 382 Advanced Photography Jr.  
Class 383 Advanced Photography Int.  
Class 384 Advanced Photography Sr.

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:

goals  
plans  
accomplishments  
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 ft. x 3 ft with sides that do not overlap is to be used for 4-H projects.)

### **4-H FILMMAKING**

Class 385 Filmmaking Jr.  
Class 386 Filmmaking Int.  
Class 387 Filmmaking Sr.

Exhibit will consist of the following:

A. Completed e-record and photography notebook/binder including story board.

B. Video as required (3-5 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.).

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

BEST PHOTO CONTEST---requirements will be in the Contest Requirements. Counties will need to submit one photo from each category –Jr., Int. and Senior. Judging for this contest will take place during the regular judging of exhibits at state fair.

## **SCRAPBOOKING**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

Class	392	Scrapbooking	Jr.
Class	393	Scrapbooking	Int.
Class	394	Scrapbooking	Sr.

Exhibit will consist of the following:

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

B. One completed theme album that meets the needs of the exhibitor. The album should include the following:

- a. A minimum of 8 pages (front and back) for a total of 16 pages.
- b. Pages are exhibited between a front and back cover.
- c. One scrapbook page 8 1/2" x 11" or 12"x 12" in the album
- d. One two-page layout in 8 1/2 " x 11" or 12"x 12" in the album

e. The following techniques should be include:

Juniors 4 techniques:

1. Stickers
2. Die Cuts
3. Tearing and scissors
4. Enlarge Photo (minimum size is 5x7)

Intermediates nine techniques:

1. Stickers
2. Die Cuts
3. Tearing and scissors
4. Enlarge Photo (minimum size is 5x7)
5. Inking
6. Stamping
7. Fibers
8. Wire
9. Buttons

Seniors fourteen techniques:

1. Stickers
2. Die Cuts
3. Tearing and scissors
4. Enlarge Photo (minimum size is 5x7)
5. Inking

6. Stamping
7. Fibers
8. Wire
9. Buttons or beads
10. Eyelets and brads
11. Sewing
12. Craft punches
13. Chipboard
14. Rub-ons
15. Embossing

Senior Project on page 31 of manual. Place information in the e-Record on the Specific Information Page.

C. All photos should be labeled and journaling should be appropriate for the page.

## **WOODWORKING**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

***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 placing.***

***Note: In making all placing, 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.***

***For large exhibits –like beds- Please bring only the head and foot boards. No rails.***

### **MEASURING UP—UNIT 1**

Class 395 Measuring Up Jr.  
 Class 396 Measuring Up Int.  
 Class 397 Measuring Up Sr.

Note: Only tools used are hand tools. Articles made with tools other than hand tools will not be ranked in the top-ten placing.

### **MAKING THE CUT—UNIT 2**

Class 398 Making the Cut Jr.  
 Class 399 Making the Cut Int.  
 Class 400 Making the Cut Sr.

Note; Only tools used are hand tools, power hand drill, miter box (non-powered), oscillating (pad) sander and jigsaw. Articles made with power tools other than those listed will not be ranked in the top ten placing.

### **NAILING IT TOGETHER—UNIT 3**

Class 401 Nailing It Together Jr.  
Class 402 Nailing It Together Int.  
Class 403 Nailing It Together Sr.

Note: Only tools used are: hand tools, power hand drill, miter box, jigsaw, 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 placing.

### **FINISHING UP—UNIT 4**

Class 404 Finishing Up Jr.  
Class 405 Finishing Up Int.  
Class 406 Finishing Up Sr.

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.

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

## **VISUAL ARTS**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

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

***Ready to Hang for pictures means –wire secured and heavy enough to hold the picture. NO TAPE!!!***

***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.**

**PORTFOLIO PATHWAYS—PAINTING, PRINTING AND GRAPHIC DESIGN**

Class 407	Paintings & Printing	Jr.
Class 408	Paintings & Printing	Int.
Class 409	Paintings & Printing	Sr.
Class 410	Graphic Designs	Jr.
Class 411	Graphic Designs	Int.
Class 412	Graphic Designs	Sr.

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" frame and ready to hang. Watercolor paintings should use small mat and be framed with glass. The framed watercolor should not be larger than 16" x 24".

**SKETCHBOOK CROSSROADS—DRAWING, FIBER AND SCULPTURE**

Class 413	Sketch Crossroads	Jr.
Class 414	Sketch Crossroads	Int.
Class 415	Sketch Crossroads	Sr.

Exhibit will consist of the following:

- A. Completed e-Record presented in a sturdy binder/notebook
- B. Complete a minimum of two art techniques listed under the media of Drawing, Fiber and Sculpture. Provide pictures of the 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"x24" including the frame and ready to hang. Fiber art should be framed and ready to hang and no larger than 16"x24".

**CAKE DECORATING**  
**Superintendent: Paula Williams**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

***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 ½ " 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. The covering used for the board must be food-safe—aluminum is a good choice.***
- 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 state 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. Exhibit requiring over 2'x2' exhibit area must be checked with the superintendent.***
- 5. Cakes will not be cut for judging***

**CAKE DECORATING—UNIT 1**

Class 500	Cake Decorating Unit 1	Jr.
Class 501	Cake Decorating Unit 1	Int.
Class 502	Cake Decorating Unit 1	Sr.

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 (must be real cakes)
  4. techniques used
  5. edible materials used
  6. cost to buy similar cake
  7. 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.

**CAKE DECORATING—UNIT 2**

Class 503 Cake Decorating Unit 2 Jr.  
Class 504 Cake Decorating Unit 2 Int.  
Class 505 Cake Decorating Unit 2 Sr.

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.

**CAKE DECORATING—UNIT 3**

Class 506 Cake Decorating Unit 3 Jr.  
Class 507 Cake Decorating Unit 3 Int.  
Class 508 Cake Decorating Unit 3 Sr.

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.

#### **CAKE DECORATING—UNIT 4**

Class 509	Cake Decorating Unit 4	Jr.
Class 510	Cake Decorating Unit 4	Int.
Class 511	Cake Decorating Unit 4	Sr.

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—nonedible 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.

### **CAKE DECORATING—UNIT 5**

Class 512	Cake Decorating Unit 5	Jr.
Class 513	Cake Decorating Unit 5	Int.
Class 514	Cake Decorating Unit 5	Sr.

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.

### **CAKE DECORATING—UNIT 6**

Class 515	Cake Decorating Unit 6	Jr.
Class 516	Cake Decorating Unit 6	Int.
Class 517	Cake Decorating Unit 6	Sr.

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.

**CAKE DECORATING—UNIT 7**

Class 518 Cake Decorating Unit 7 Jr.  
Class 519 Cake Decorating Unit 7 Int.  
Class 520 Cake Decorating Unit 7 Sr.

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 molded items:

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.

**CAKE DECORATING—UNIT 8**

Class 521 Cake Decorating Unit 8 Jr.  
Class 522 Cake Decorating Unit 8 Int.  
Class 523 Cake Decorating Unit 8 Sr.

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 required molded items :

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).

### **CAKE DECORATING—UNIT 9**

Class 524	Cake Decorating Unit 9	Jr.
Class 525	Cake Decorating Unit 9	Int.
Class 526	Cake Decorating Unit 9	Sr.

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 ( 2ft x 2ft in size) and no more than three items. Each item must be labeled with your county, county number, name, and age.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **CHILD DEVELOPMENT** **Superintendent: Nancy Keller**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### ***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. No additional items may be included on or in front of display board. 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.***

### **Intermediate Child Development (Ages 11-13)**

Class 600	Arts and Crafts	Int.
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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 and Crafts Chapter and the completed Exhibit and More To Grow On questions at the end of the Arts and Crafts Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Arts and Crafts Chapter.

Class 601 Play Int.

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 602 Music and Rhythm Int.

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 and Rhythm Chapter and the completed Exhibit and More To Grow On questions at the end of the Music and Rhythm Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Music and Rhythm Chapter.

Class 603 Stories and Poems Int.

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 and Poems Chapter and completed Exhibit and More To Grow On questions at the end of the Stories and Poems Chapter.
- C. Creative exhibit based on a More To Grow On activity from the Stories and Poems Chapter.

Class 604 Snacks Int.

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.

**Senior Child Development (Ages 14 and older)**

Class 605 Guidance and Discipline Sr.

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 and Discipline Chapter OR an activity developed by the member that is appropriate for Guidance and Discipline Chapter.

Class 606 Parties Sr.

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 607 Mealtime Sr.

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 608 Safety Sr.

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 609 Careers Sr.

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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **CLOTHING CONSTRUCTION**

**Superintendent: Mary Smith**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

- 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. Units 21-28—complete one textile experiment using your garment fashion fabric each year. Include this information in your e-record: completed experiment sheets and sample(s) mounted (on 8 ½”**

*x 11" heavy paper). Experiments may be repeated in a subsequent year as long as different fabric is used*

**7. Pattern instruction sheet is required and must be attached securely to the e-Record. Write name and county on pattern instruction sheet.**

**8. Do not use binders that are clear plastic with sliders.**

**9. Members are encouraged to select a unit that challenges their skills. All units will be judged on required skills included in the manual.**

**10. All garments construction in clothing units 1-4, 8, and 21-28 are to be made for the member with the exception of Unit 7 –Sewing for Others.**

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

### **BEGINNING CLOTHING—UNIT 1**

Class 700 Beginning Clothing Unit 1 Jr.  
Class 701 Beginning Clothing Unit 1 Int.  
Class 702 Beginning Clothing Unit 1 Sr.

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, mediumweight 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.

### **BEGINNING CLOTHING—UNIT 2**

Class 703 Beginning Clothing Unit 2 Jr.  
Class 704 Beginning Clothing Unit 2 Int.  
Class 705 Beginning Clothing Unit 2 Sr.

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.

### **BEGINNING CLOTHING—UNIT 3**

Class 706 Beginning Clothing Unit 3 Jr.  
Class 707 Beginning Clothing Unit 3 Int.  
Class 708 Beginning Clothing Unit 3 Sr.

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.)

#### **BEGINNING CLOTHING—UNIT 4**

Class 709 Beginning Clothing Jr.  
Class 710 Beginning Clothing Int.  
Class 711 Beginning Clothing Sr.

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 cottonblend woven or knit fabric.

#### **SEWING FOR OTHERS—UNIT 7**

Class 712 Sewing for Others Unit 7 Jr.  
Class 713 Sewing for Others Unit 7 Int.  
Class 714 Sewing for Others Unit 7 Sr.

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 make the garment(s) for
  3. Why, 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.

**RECYCLED CLOTHING—UNIT 8**

Class 715 Recycled Clothing Unit 8 Jr.

Class 716 Recycled Clothing Unit 8 Int.

Class 717 Recycled Clothing Unit 8 Sr.

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.

**COTTON OR COTTON BLEND—UNIT 21**

Class 718 Cotton or Cotton Blend Unit 21 Int.

Class 719 Cotton or Cotton Blend Unit 21 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.

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-percent cotton.

### **SYNTHETICS AND RAYON—UNIT 22**

Class 720 Synthetics and Rayon Unit 22 Int.  
Class 721 Synthetics and Rayon Unit 22 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.
- E. One garment or outfit of fabric containing 50-100- percent of synthetic fibers.

### **WOOL AND WOOL BLEND—UNIT 23**

Class 722 Wool and Wool Blend Unit 23 Int.  
Class 723 Wool and Wool Blend Unit 23 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.
- 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- percent of wool and wool-blend fibers.

### **SILK OR SILK-LIKE—UNIT 24**

Class 724 Silk or Silk-Like Unit 24 Int.

Class 725 Silk or Silk-Like Unit 24 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.

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- percent, of:

1. Silk or
2. Silk-like fabric—a fabric of any fiber content that is very lightweight with a slick feel.

### **LEATHER AND LEATHER TECHNIQUES—**

#### **UNIT 25**

Class 726

Leather & Leather Tech. Unit 25 Int.

Class 727

Leather & Leather Tech. Unit 25 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.

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.

**FUR AND FUR TECHNIQUES—UNIT 26**

Class 728 Fur & Fur Techniques Unit 26 Int.

Class 729 Fur & Fur Techniques Unit 26 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.

D. Include the cost of each garment in the Expense record of the e-Record.

F. One garment of fur or fur like fabric using fur construction techniques.

**LINEN, RAMIE AND HEMP—UNIT 27**

Class 730 Linen, Ramie & Hemp Unit 27 Int.

Class 731 Linen, Ramie, & Hemp Unit 27 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.

D. Include the cost of each garment in the Expense record of the e-Record.

E. One garment or outfit containing 50-100-percent linen, ramie and/or hemp.

### **SPECIALTY FABRICS—UNIT 28**

Class 732 Specialty Fabrics Unit 28 Int.  
 Class 733 Specialty Fabrics Unit 28 Sr.

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 in 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—complete one experiment using garment fashion fabric. Include experiment sheet and mount the sample on 8 ½" x 11" heavy paper in the e-record.

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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **ARTISTIC CLOTHING** **Superintendent: Mary Smith**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

***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.) All clothing pieces must be securely attached together on hangers.**

**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 that acknowledges possible fading caused by state fair display lighting. Permission-to-display forms are available at the Extension offices.**

#### **DECORATE YOUR DUDS—APPLIED**

Class 734 Applied Jr.  
Class 735 Applied Int.  
Class 736 Applied Sr

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 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, appliqués, tie-dye.

#### **DECORATE YOUR DUDS—STITCHED**

Class 737 Stitched Jr.  
Class 738 Stitched Int.  
Class 739 Stitched Sr.

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 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).

### **DECORATE YOUR DUDS—COMBINATION**

Class 740 Combination Jr.  
Class 741 Combination Int.  
Class 742 Combination Sr.

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 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.

### **CREATIVE SEWING—UNIT 5**

Class 743 Costumes Jr.  
Class 744 Costumes Int.  
Class 745 Costumes Sr.  
Class 746 All Other Exhibits Jr.  
Class 747 All Other Exhibits Int.  
Class 748 All Other Exhibits Sr.

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.

### **CREATE YOUR OWN—UNIT 7**

Class 749 Create Your Own Int.

Exploration of Textiles and Clothing

Class 750 Create Your Own Sr.

Exploration of Textiles and Clothing

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, 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'x3' with sides that do not overlap is to be used for all 4-H projects.

### **STYLE OF YOUR OWN—UNIT 8 & 9**

Class 751 Style of Your Own, Unit 8 Int.

Discovering Choices

Class 752 Style of Your Own, Unit 9 Sr.

Managing Choices

Exhibit will consist of the following:

A. Completed e-Record, 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'x3' is to be used for all 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **CONSUMER SAVVY**

**Superintendent: Nancy Keller**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

*Project intended for Intermediate and Senior 4-H members only.*

### **THE CONSUMER IN ME—UNIT 1**

Class 753 The Consumer in Me Unit 1 Int.  
Class 754 The Consumer in Me Unit 1 Sr.

### **CONSUMER-WISE—UNIT 2**

Class 755 Consumer-Wise Unit 2 Int.  
Class 756 Consumer-Wise Unit 2 Sr.

### **CONSUMER ROADMAP—UNIT 3**

Class 757 Consumer Roadmap Unit 3 Int.  
Class 758 Consumer Roadmap Unit 3 Sr.

All unit exhibits will consist of the following:

A. Completed e-Record with manual presented in a sturdy binder/notebook including these items: manual with appropriate sections completed and other attachments related to activities in the manual. Complete seven required activities from the unit.

B. A display board illustrating one of the Savvy Challenge activities from the manual. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included on or in front of display board.

## **FINANCIAL CHAMPIONS**

**Superintendent: Nancy Keller**

### **MONEY FUN-DAMENTALS—UNIT 1**

Class 759 Money FUNdamentals Unit 1 Int.  
Class 760 Money FUNdamentals Unit 1 Sr.

### **MONEY MOVES—UNIT 2**

Class 761 Money Moves Unit 2 Int.

All unit exhibits will consist of the following:

A. Completed e-Record with manual presented in a sturdy binder/notebook including these items: manual with appropriate sections completed and other attachments related to activities in the manual. Complete seven required activities from the unit.

B. A display board illustrating one of the Champion's Challenge activities from the manual. The standardized display board size of 4 ft. x 3 ft is to be used for 4-H projects. No additional items may be included on or in front of display board.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **FOODS AND NUTRITION**

**Superintendent: Paula Williams**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### ***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 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.***

## **RIDDLES AND RHYMES AND FUN FOOD TIMES— UNIT 1**

Class 800

Riddles and Rhymes and Fun Food  
Times Unit 1 Jr.

Class 801

Riddles and Rhymes and Fun Food  
Times Unit 1 Int.

Class 802

Riddles and Rhymes and Fun Food  
Times Unit 1 Sr.

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).

### **ON THE ROAD TO FUN AND FITNESS—UNIT 2**

Class 803

On the Road to Fun and Fitness Unit 2 Jr.

Class 804

On the Road to Fun and Fitness Unit 2 Int.

Class 805

On the Road to Fun and Fitness Unit 2 Sr.

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.

### **FUN WITH FOODS—UNIT 3**

Class 806 Fun with Foods Unit 3 Jr.

Class 807 Fun with Foods Unit 3 Int.

Class 808 Fun with Foods Unit 3 Sr.

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).

### **FOOD, FITNESS AND FUN—UNIT 4**

Class 809 Food, Fitness and Fun Unit 4 Jr.

Class 810 Food, Fitness and Fun Unit 4 Int.

Class 811 Food, Fitness and Fun Unit 4 Sr.

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).

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **BREADS**

### **BREAD—UNIT 11**

Class 812 Bread Unit 11 Jr.  
Class 813 Bread Unit 11 Int.  
Class 814 Bread Unit 11 Sr.

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 & 7
    - a. what you did
    - b. what you observed
    - c. what you learned for 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.

### **BREAD—UNIT 12**

Class 815 Bread Unit 12 Jr.  
Class 816 Bread Unit 12 Int.  
Class 817 Bread Unit 12 Sr.

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 for 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.

### **BREAD—UNIT 13**

Class 818 Bread Unit 13 Jr.  
Class 819 Bread Unit 13 Int.  
Class 820 Bread Unit 13 Sr.

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 for 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.

#### **EDIBLE BREAD—UNIT 14**

Class 821 Bread Unit 14 Jr.

Class 822 Bread Unit 14 Int.

Class 823 Bread Unit 14 Sr.

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 for 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.)

#### **NON-EDIBLE BREAD—UNIT 14**

Class 824 Non-Edible Bread Unit 14 Jr.

Class 825 Non-Edible Bread Unit 14 Int.

Class 826 Non-Edible Bread Unit 14 Sr.

Exhibit will consist of the following:

A. Completed e-Record and the 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 for 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.).

## **SPECIALTY FOODS**

### **BAKING—UNIT 21**

Class 827 Baking Unit 21 Jr.

Class 828 Baking Unit 21 Int.

Class 829 Baking Unit 21 Sr.

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.

### **BAKING—UNIT 22**

Class 830 Baking Unit 22 Jr.

Class 831 Baking Unit 22 Int.

Class 832 Baking Unit 22 Sr.

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.

### **BAKING—UNIT 23**

Class 833 Baking Unit 23 Jr.

Class 834 Baking Unit 23 Int.

Class 835 Baking Unit 23 Sr.

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.

#### **BAKING—UNIT 24**

Class 836 Baking Unit 24 Jr.  
Class 837 Baking Unit 24 Int.  
Class 838 Baking Unit 24 Sr.

Exhibit will consist of the following:

A. Completed e-Record w/ 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:

- a. **8" to 9"** single-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.
- b. 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.
- c. 3 options:
  1. 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**
  2. Two Empanadas/Turnovers—Only fruited empanadas and turnovers are accepted.  
**or**
  3. Two Fancy Pastries –No pastries using eggs or cream fillings (cream puffs, etc.)

#### **OUTDOOR COOKING AND LIVING—UNIT 25**

Class 839  
Outdoor Cooking and Living Unit 25 Jr.  
Class 840  
Outdoor Cooking and Living Unit 25 Int.  
Class 841  
Outdoor Cooking and Living Unit 25 Sr.

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

### **CULTURAL FOODS—UNIT 30**

Class 842 Cultural Foods Unit 30 Int.

Class 843 Cultural Foods Unit 30 Sr.

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 accomplishment 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.

### **PASSPORT TO FOREIGN COOKERY—UNIT 35**

Class 844

Passport to Foreign Cookery Unit 35 Int.

Class 845

Passport to Foreign Cookery Unit 35 Sr.

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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **FOOD PRESERVATION**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

### ***Special Exhibit Rules for Food Preservation***

- 1. All foods must have been preserved since the last state 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, an 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:**

#### **PEACHES**

**ascorbic acid dip**

**hot pack-thin syrup**

**boiling water bath canned 35 minutes at 5,000 feet**

**September 2009**

#### **GREEN BEANS**

**hot pack, ½ tsp salt**

**pressure canned at 12 ½ pounds 25 minutes at 5,000 feet**

**July 2010**

- 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 2010**

### **FREEZING AND DRYING—UNIT 41**

Class 846	Freezing and Drying Unit 41	Jr.
Class 847	Freezing and Drying Unit 41	Int.
Class 848	Freezing and Drying Unit 41	Sr.

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 binder/notebook.)
  - 4. One-half cup of dried fruit.
  - 5. One-half cup of dried vegetable.

### **CANNING AND FOOD SAFETY—UNIT 42**

Class 849	Canning and Food Safety Unit 42	Jr.
Class 850	Canning and Food Safety Unit 42	Int.
Class 851	Canning and Food Safety Unit 42	Sr.

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.
  - 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 state 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.

**PICKLES, RELISHES, JAMS & JELLIES—  
UNIT 43**

Class 852		
Pickles, Relishes, Jams & Jellies Unit 43	Jr.	
Class 853		
Pickles, Relishes, Jams & Jellies Unit 43	Int.	
Class 854		
Pickles, Relishes, Jams & Jellies Unit 43	Sr.	

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, and marmalades (both must be the same product).
  4. One jar of pickled relish or salsa.

**ADVANCED FOOD PRESERVATION—UNIT 44**

Class 855	Adv. Food Preservation Unit 44	Jr.
Class 856	Adv. Food Preservation Unit 44	Int.
Class 857	Adv. Food Preservation Unit 44	Sr.

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.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.

## **HERITAGE ARTS**

**Superintendent: Nancy Keller**

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

***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"x6") or delicate items should be mounted on an 8"x10" 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 acknowledgment 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.***

### **CROCHET**

Class 900	Crochet	Jr.
Class 901	Crochet	Int.
Class 902	Crochet	Sr.

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:
    - d. Juniors (8-10) one or two references
    - e. Intermediates (11-13) two or three references
    - f. Seniors (14 and 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.

**ETHNIC ARTS—FIBER/FABRIC OPTION**

Class 903 Ethnic Arts Fiber/Fabric Option Jr.  
Class 904 Ethnic Arts Fiber/Fabric Option Int.  
Class 905 Ethnic Arts Fiber/Fabric Option Sr.

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 and 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.)

**ETHNIC ARTS—OPEN OPTION**

Class 906 Ethnic Arts –Open Option Jr.  
Class 907 Ethnic Arts –Open Option Int.  
Class 908 Ethnic Arts –Open Option Sr.

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 and 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.)

### **KNITTING**

Class 909 Knitting Jr.  
Class 910 Knitting Int.  
Class 911 Knitting Sr.

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 and 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.

### **NEEDLE ARTS**

Class 912 Needle Arts Jr.  
Class 913 Needle Arts Int.  
Class 914 Needle Arts Sr.

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 and 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.

### **QUILTING**

**Class 915 Quilting Unit 1 Jr.**  
**Class 916 Quilting Unit 1 Int.**  
**Class 917 Quilting Unit 1 Sr.**

**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?
    - d. Historical information of your specific quilt block if applicable.
  - 2. List references used:**
    - a. Juniors (8-10) one or two references
    - b. Intermediates (11-13) two or three references
    - c. Seniors (14 and 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 illustrating what was learned. Items should include one of the following:**
  - a. Simple pieced quilt (no minimum size but no larger than 49" x 64")
  - b. Pillow sham
  - c. Two placemats or a table runner
  - d. Wall hanging
  - e. Unlined bag
- E. Exhibited items must be quilted-hand, machined or tied.**
- F. No separate binding should be used. Items should be finished using a roll-over/self binding or an envelope turn.**
- G. The exhibit should not use advance quilting techniques used in higher units. Examples of advanced skills are: paper or curved piecing, fussy cutting, or appliqué.**

Class 918 Quilt Unit 2 Jr.  
Class 919 Quilt Unit 2 Int.  
Class 920 Quilt Unit 2 Sr.

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?
    - d. Historical information of your specific quilt block if applicable.
  - 2. List references used:
    - a. Juniors (8-10) one or two references
    - b. Intermediates (11-13) two or three references
    - c. Seniors (14 and older) three or more references
- C. Include the stitches per inch used for the exhibit on the Specific Project Information Page.
- D. One finished quilt (minimum size 36" x 36" and no maximum). Quilt should demonstrate at least three skills learned (examples include a quilt label, binding, block or other piecing learned in Unit 1 or 2, etc.)
- E. Exhibit items must be quilted-hand, machine or tied.
- F. Quilt must be finished with a separate straight or bias binding by machine or hand.

Class 921 Quilt Unit 3 Jr.  
Class 922 Quilt Unit 3 Int.  
Class 923 Quilt Unit 3 Sr.

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?
    - d. Historical information of your specific quilt block if applicable.
  - 2. List references used:
    - a. Juniors (8-10) one or two references
    - b. Intermediates (11-13) two or three references
    - c. Seniors (14 and 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 illustrating what was learned. Items should include one of the following:

- a. One finished quilt (no minimum or maximum size). Quilt should demonstrate at least three skills learned (examples include a quilt label, binding, block or type of piecing or embellishment learned from Unit 3).
- b. One finished sample quilt (no minimum or maximum size). Quilt should include at least three types of quilts, or types of piecing, or block patterns or ways to embellish, or any combination.
- c. Exhibit item must be hand or machine quilted.

Class 924 Quilt Unit 4-Original Design Jr.  
Class 925 Quilt Unit 4-Original Design Int.  
Class 926 Quilt Unit 4-Original Design Sr.

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?
  - d. Historical information of your specific quilt block if applicable.
2. List references used:
  - a. Juniors (8-10) one or two references
  - b. Intermediates (11-13) two or three references
  - c. Seniors (14 and 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 illustrating the original design. Item can have traditional or artistic design. Items could include one of the following:

- a. Quilt for bed, wall, table or other display (no minimum or maximum size)
- b. Wearable garment

E. Exhibit item must be hand or machine quilted

Class 927 Quilt Unit 5 –Quiltless Quilt Jr.  
Class 928 Quilt Unit 5 –Quiltless Quilt Int.  
Class 929 Quilt Unit 5 –Quiltless Quilt Sr.

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?**
  - d. Historical information of your specific quilt block if applicable.**
- 2. List references used:**
  - a. Juniors (8-10) one or two references**
  - b. Intermediates (11-13) two or three references**
  - c. Seniors (14 and older) three or more references**

**C. A topic presentation in the form of a notebook, portfolio, video, or PowerPoint (no display boards)**

**Summarizing knowledge and skills learned on an aspect of quilting. Exhibit possibilities include but not limited to:**

- a. Process of converting an old quilt block or pattern to modern methods and instructions of cutting and strip piecing. Include formulas and calculations used to figure fabric amounts for a quilt using the block. Include sample or new and old block.**
- b. Research summary of the history and culture, ethnicity, and political meaning behind a specific quilt block or design, i.e., Hawaiian quilts, Civil War quilts, American Indian quilts.**
- c. In depth study of fabrics, fiber, and batting; from historical old blankets to recent recycled plastic and bamboo.**
- d. Timeline or history of a family heirloom quilt. (Own family not required.) Interview the various owners and/or quilters of the quilt. Investigate the quilts origin, including why the quilt was made, for whom, significance of fabric pieces.**
- e. Exploration of careers connected to quilting. Include interviews with men and women involved with quilting businesses.**

### **RUG MAKING**

Class 930 Rug Making Jr.  
Class 931 Rug Making Int.  
Class 932 Rug Making Sr.

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 and older) three or more references

C. One rug (minimum 20"x24" in size—any technique) illustrating what was learned. Wall hangings and pillow tops are not acceptable.

**SPINNING**

- Class 933 Spinning Jr.
- Class 934 Spinning Int.
- Class 935 Spinning Sr.

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 and 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.

**WEAVING**

- Class 936 Weaving Jr.
- Class 937 Weaving Int.
- Class 938 Weaving Sr.

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 and older) three or more references

C. One piece or a set of up to three coordinated pieces illustrating what was learned.

### **MACRAME**

Class 939 Macramé Jr.  
 Class 940 Macramé Int.  
 Class 941 Macramé Sr.

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 and older) three or more references

C. One piece or a set of up to three coordinated pieces illustrating what was learned.

### **HOME ENVIRONMENT** Superintendent: Nancy Keller

**NOTE: PLEASE READ 4-H PROJECT EXHIBIT RULES ON PAGE 56**

**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 lefthand corner of the article.**

**UNITS 1 and 2, Home Environment 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.*

### **HOME ENVIRONMENT—UNIT 1**

Class 942 Home Environment Unit 1 Jr.  
Class 943 Home Environment Unit 1 Int.  
Class 944 Home Environment Unit 2 Sr.

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

### **HOME ENVIRONMENT—UNIT 2**

Class 945 Home Environment Unit 2 Jr.  
Class 946 Home Environment Unit 2 Int.  
Class 947 Home Environment Unit 2 Sr.

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

### **HOME ENVIRONMENT—UNIT 3**

Class 948 Home Environment Unit 3 Jr.  
Class 949 Home Environment Unit 3 Int.  
Class 950 Home Environment Unit 3 Sr.

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

### **HOME ENVIRONMENT—UNIT 4**

Class 951 Home Environment Unit 4 Jr.  
Class 952 Home Environment Unit 4 Int.  
Class 953 Home Environment Unit 4 Sr.

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

1. Provide pictures of other items made, refurbished or purchased during your project.
2. Provide up to three photos showing exhibit item(s) in use.

B. An accessory (see definition under Units 1 and 2) which has been made, refurbished or purchased to use in room or home (no furniture).

### **HOME ENVIRONMENT—UNIT 5**

Class 954 Home Environment Unit 5 Jr.  
Class 955 Home Environment Unit 5 Int.  
Class 956 Home Environment Unit 5 Sr.

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

### **HOME ENVIRONMENT—UNIT 6**

Class 957 Home Environment Unit 6 Jr.

Class 958 Home Environment Unit 6 Int.

Class 959 Home Environment Unit 6 Sr.

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 pieces.

### **DESIGN YOUR OWN—UNIT 7**

Class 960 Design Your Own Unit 7 Sr.

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 ft. x 3 ft is to be used for 4-H projects. No additional items may be included on or in front of display board.)

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 articles 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 ranked in the top ten placings.

Note: For more information on displays and projects: [www.colorado4h.org/project\\_resources/StateFairExhibitReq.pdf](http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf) - look under Display Hints and Tips and Project Tips.