The Boulder County Fair’s mission is to celebrate both rural and urban heritage while cultivating an innovative future through education and leadership. With a tradition of showcasing the accomplishments and leadership of both 4-H and FFA youth and community members, we provide educational and entertaining opportunities for all attendees, meeting the interests and challenges of a changing world.
# 2017 Boulder County 4-H Exhibit Requirements

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**Note:** (Jr, Int, Sr) = Juniors, Intermediates, Seniors
FAIRGROUNDS
   Alcohol Restrictions:
The presence or use of alcoholic beverages on the Fairgrounds is prohibited. Violators are subject to prosecution by law enforcement officers.
   Disorderly conduct, illegal activity, vandalism and horseplay will not be tolerated. Violators will be escorted from the fairgrounds by security and may be prosecuted.

EXHIBITS
1. The management will in no case be responsible for any loss or damage done to, occasioned by, or arising from any animal or article on exhibition, and the exhibitors shall indemnify the Fair Management against all legal or other proceeding in regard hereto. The placing of exhibits on the show grounds by any and all exhibitors shall signify his/her agreement to abide by this rule.
2. Responsibility: The Boulder County Fair, Livestock Show & Rodeo (BCF) Management will use all possible care to ensure the safety of animals, exhibits, exhibitors, and people attending the fair, but under no circumstances will the management of the Boulder County Fair, Livestock Show & Rodeo (BCF), or any individual assisting with the fair, be responsible in any way for any loss, injury or damage to, occasioned by or arising from any animal or article on exhibition, or for any accident or injury to any person exhibiting, assisting with, or attending the fair.
3. Competition is open to all.
4. Entry deadline is June 30, 2017. Late entries will be accepted July 1 – July 4 (by office drop off only).

JUDGING
1. Judges will not award prizes to an unworthy exhibit. It is the intention of the department that no premium or distinction of any kind shall be given any animal or article that is not deserving. This rule must be strictly adhered to whether there is competition or not. Exhibits that do not meet size requirements will not be considered for Champion or Reserve Champion
2. Judges shall report to the superintendent / team lead any exhibitors who in any way, whether in person or by agents or servants, interfere with them during the adjudication or show any disrespect to them, whereupon the superintendent / team lead shall at his/her discretion demand a proper apology from such exhibitor, or exclude exhibitors from further competition, and the board may withhold from such exhibitors any premiums that have been awarded them, and expel them from further exhibiting at the fair.
3. The decision of the awarding judges shall be final, and no appeal will be considered.
4. Any exhibitor attempting to interfere with the judges during their adjudication will be promptly excluded from the competition.
5. In all cases not covered by these rules, the ruling of the superintendent / team lead of the department will apply.
6. The judge and superintendent of the department shall sign each award book immediately after all awards have been made in the class contained therein.
7. No person shall act as judge in any class in which he/she may be interested as an exhibitor, agent, or employee of an exhibitor or otherwise; and if such case shall be presented, the superintendent of department may remove such interested judge, or substitute another judge temporarily.
8. The awards of such premiums at the show will be confined to entries named in the department.
9. The judge and the person acting as clerk to the judge must take special pains after making an award to see that same is properly entered in the award book.

RELEASE
Release for all General and Home Ec projects will be Monday, August 7th. Additional rules / info will be found in the specific Fairbook sections.
4-H GENERAL & HOME ECONOMICS  
2017 PROJECT RULES & REGULATIONS

Requirements for 4-H General and Home Economics Exhibits
1. All exhibitors must be enrolled with the Extension Office in the 4-H project in which they are exhibiting by the first Friday in May.
2. Entry deadline is June 30th, 2017. Late entries will be accepted between July 1 – July 14 (In the Extension office only). Postmark will determine entry date.
3. 4-H Home Economics & General Projects must be checked in on Thursday, July 27th from 10:00 a.m.–3:00 p.m. at the Exhibit Building (unless otherwise noted).
4. Boulder County will follow state directives and not require interviews. All 4-H members, however, are still highly encouraged to participate in interview judging, as the experience is very beneficial to the member. Interviewing with a judge is one of the educational components of the 4-H program and helps teach many life skills to the participating member. There will not be a make-up day for interviews.
5. Projects are divided into Junior, Intermediate, and Senior age groups. The ages, as of January 1 of the current year, are defined as following:
   - Junior – 8 – 10 years of age
   - Intermediate – 11 – 13 years of age
   - Senior – 14 and over years of age
6. A 4-H member may not enroll in more than one unit in each project area. The exceptions to this rule are Wildlife, Modelcraft, and Advanced Leathercraft, Clothing, and Creative Arts. In these projects, the 4-H member may exhibit in all units in which he/she is enrolled, but may only compete for Champion and Reserve Champion in the more advanced unit exhibited. See individual sections for the rules regarding exhibits in these areas.
7. Exhibits should be clean and in good condition.
8. Records: e-Records or county record books are required in all projects in order for the exhibit to be considered complete. Records may be in pencil, ink, typewritten or by computer; the choice will not affect judging. Each record must have a story for that project which will be considered in judging. Records must be completed by the 4-H member, not a parent or adult. Lack of records will result in an automatic white ribbon.
9. Awards & Premiums: The Danish system of judging will be used in the Home Economics and General exhibit departments (except Cloverbuds). All exhibits will be placed in a Blue, Red, or White group and receive ribbons accordingly.
   - Blue: exhibit meets project requirements and is of high quality.
   - Red: exhibit meets project requirements but is of average quality.
   - White: exhibit does not meet all project requirements and/or is below average quality.
Prize money will be given as follows for all Home Economics and General Projects.
   - Blue $4.00
   - Red $3.00
   - White $2.00
10. Champion and Reserve Champion: Champion and Reserve Champion shall be awarded from eligible blue ribbon projects. If there is only one blue ribbon in the class, only a Champion will be designated. Grand Champion and Reserve Grand Champion awards will be chosen from all Champion and Reserve Champion projects in a given department.
11. Exhibitors that exceed project, skill, number, or size requirements will not be considered for Champion or Reserve Champion, but may be eligible for a blue ribbon.
12. All recipients of Grand and Reserve Grand Champion plaques will be expected to turn in a “Thank You” note, stamped and addressed to the donor, for each plaque won.
13. County projects (designated by **) are not eligible for State Fair competition.
14. A Cloverbud may exhibit ONE ITEM in the Cloverbud project. Cloverbuds will be given the opportunity to interview with the superintendent about his/her project. Cloverbuds will be recognized for their participation; however exhibit items will not be awarded placement ribbons. Cloverbuds are 4-H members 5–7 years old as of January 1 of the current year.
15. Exhibits will be released, Monday, August 8th. Members may pick up their exhibits and premiums at this time. Leaders are encouraged to check to see that their club’s projects have been picked up. Items not claimed by the Friday following Labor Day, will be discarded. NO EXCEPTIONS.
16. Show boards are the only type of display boards that can be used for 4-H projects. The standardized display board size of 4 ft. wide (total) x 3 ft tall is to be used for 4-H projects. (See example below.) Display boards are made of lightweight cardboard and are sturdy, attractive, inexpensive and available at most local office supply stores. They come in several colors. When opened, the 1-foot-wide winged sides provide a surface to help the exhibits stand alone on a table top.
Exhibit Tips:

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

Note: For more information on displays and projects:  

Important Binder/Notebook Information: Use binder/notebook as appropriate for project exhibits. No binders with slider closures will be allowed. If you have only your e-Record in the binder, please use a report cover with brads to keep the pages in place. 3 ring binders are acceptable for projects where a number of pages have been collected. Please choose the smallest binder possible for the number of pages you are including.
Display Board Guidelines for State Fair 4-H Exhibits

Display boards are a great way to share information, but when viewers walk by, they spend only 60-90 seconds looking at each display board. Make yours stand out by highlighting the main points of your project in a fun, interesting way.

Follow these guidelines to create a display board for the state fair.

**SHAPE**
Design your exhibit so information fits on the display. Remember, you have 1 large surface, and 2 smaller side wings.

**SPACE**
Your display should only discuss one main topic. This will help it look neat and uncrowded.

**ATTACHMENTS**
When attaching pictures or objects to your board make sure they are secure. 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 or fold.

**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.

**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.

**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 front cover:

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

- Boulder County
- Jane Doe
- Animal Science
- Vet Science
- Class 001
FROM AIREDALES TO ZEBRAS—UNIT 1
Class 101 From Airedales to Zebras Jr.
Class 102 From Airedales to Zebras Int.
Class 103 From Airedales to Zebras Sr.

ALL SYSTEMS GO! —UNIT 2
Class 104 All Systems Go Jr.
Class 105 All Systems Go Int.
Class 106 All Systems Go Sr.

ON THE CUTTING EDGE—UNIT 3
Class 107 On the Cutting Edge Jr.
Class 108 On the Cutting Edge Int.
Class 109 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 project manual (Cooperative Curriculum System, CCS—From Airedales to Zebras or All Systems Go or On the Cutting Edge) 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 with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
HORSELESS HORSE

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

HORSELESS HORSE—UNIT 1
Class 201 Unit 1 Jr.
Class 202 Unit 1 Int.
Class 203 Unit 1 Sr.

HORSELESS HORSE—UNIT 2
Class 204 Unit 2 Jr.
Class 205 Unit 2 Int.
Class 206 Unit 2 Sr.

HORSELESS HORSE—UNIT 3
Class 207 Unit 3 Jr.
Class 208 Unit 3 Int.
Class 209 Unit 3 Sr.

HORSELESS HORSE—UNIT 4
Class 210 Unit 4 Jr.
Class 211 Unit 4 Int.
Class 212 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. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
CATS

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

**CAT 1 –PURR-FECT PALS**

Class 301  Cat 1  Jr.
Class 302  Cat 1  Int.
Class 303  Cat 1  Sr.

**CAT 2 –CLIMBING UP**

Class 304  Cat 2  Jr.
Class 305  Cat 2  Int.
Class 306  Cat 2  Sr.

**CAT 3 –LEAPING FORWARD**

Class 307  Cat 3  Jr.
Class 308  Cat 3  Int.
Class 309  Cat 3  Sr.

All exhibits will consist of the following:

A. A completed Companion Animal 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. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Note:** For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
BIOLOGICAL SCIENCE
DIVISION 2
GARDENING

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

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 401  See Them Sprout  Jr.
Class 402  See Them Sprout  Int.
Class 403  See Them Sprout  Sr.

LET'S GET GROWING!—UNIT 2
Class 404  Let’s Get Growing  Jr.
Class 405  Let’s Get Growing  Int.
Class 406  Let’s Get Growing  Sr.

TAKE YOUR PICK—UNIT 3
Class 407  Take Your Pick  Jr.
Class 408  Take Your Pick  Int.
Class 409  Take Your Pick  Sr.

GROWING PROFITS—UNIT 4 (Senior Adv.)
Class 410  Growing Profits  Sr. Adv.

All exhibits will consist of the following:

A. A gardening project manual and e-Record presented in a sturdy binder/notebook, including these items: manual with appropriate sections completed, e-Record, and other drawings or attachments related to activities in the manual.

B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
MECHANICAL SCIENCES  
DIVISION 3

BICYCLE

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

BICYCLING FOR FUN—Unit 1

Class 501  Bicycling for Fun  Jr.
Class 502  Bicycling for Fun  Int.
Class 503  Bicycling for Fun  Sr.

WHEELS IN MOTION—Unit 2

Class 504  Wheels in Motion  Jr.
Class 505  Wheels in Motion  Int.
Class 506  Wheels in Motion  Sr.

BICYCLE SELF-DETERMINED—Unit 3

Class 507  Bicycle Self-Determined  Int.
Class 508  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. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
Note: Please read 4-H Project Exhibit Rules on page 4.

1. 4-H members may stay in a unit for more than one year. The exhibit has to be different each year.

2. Youth are only allowed to enter a display board exhibit or CD or DVD or a stand-alone exhibit, not all. Be sure that the CD or DVD is package to prevent damage to it.

NEWBIE KNOW HOW

Display Board or CD or DVD Exhibits
Class 601 Newbie Know-How Jr.
Class 602 Newbie Know-How Int.
Class 603 Newbie Know-How Sr.

Stand-Alone Exhibits
Class 604 Newbie Know-How Jr.
Class 605 Newbie Know-How Int.
Class 606 Newbie Know-How Sr.

INSIDE THE BOX

Display Board or CD or DVD Exhibits
Class 607 Inside the Box Jr.
Class 608 Inside the Box Int.
Class 609 Inside the Box Sr.

Stand-Alone Exhibits
Class 610 Inside the Box Jr.
Class 611 Inside the Box Int.
Class 612 Inside the Box Sr.

P2P - PEER TO PEER

Display Board or CD or DVD Exhibit
Class 613 Peer to Peer Int.
Class 614 Peer to Peer Sr.

Stand-Alone Exhibit
Class 615 Peer to Peer Int.

DISCOVERING COMPUTER SCIENCE & PROGRAMMING THROUGH SCRATCH

Display Board or CD or DVD Exhibits
Class 617 Computer Science Jr.
Class 618 Computer Science Int.
Class 619 Computer Science Sr.

Stand-Alone Exhibits
Class 620 Computer Science Jr.
Class 621 Computer Science Int.
Class 622 Computer Science Sr.

COMPUTERS IN THE 21ST CENTURY

Display Board or CD or DVD Exhibits
Class 623 Computers 21st Century Int.
Class 624 Computers 21st Century Sr.

Stand-Alone Exhibits
Class 625 Computers 21st Century Int.
Class 626 Computers 21st Century Sr.

TEENS TEACHING TECH

Display Board or CD or DVD Exhibits
Class 627 Teens Teaching Tech Sr.

Stand-Alone Exhibits
Class 628 Teens Teaching Tech 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 for Units: Newbie Know-How, Inside the Box, Peer to Peer and Teens Teaching Technology only) or the Discovering Computer Science & Programming Through Scratch manuals for that unit (Discovering Computer Science & Programming Through Scratch and Computers in the 21st Century) and completed e-Record.

B. A completed exhibit consists of ONE of the following:

1. A display board illustrating a topic learned as a part of the 4-H project. Potential display ideas can be found in the Expand Your Memory in the manual for Newbie Know-How, Inside the Box, P2P-Peer to
Peer and Teens Teaching Tech only. 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 in front of display board. All items must be attached to display boards.

2. A stand-alone exhibit demonstrating a skill learned or an item developed. For example, a Makey Makey keyboard or a micro controller project. All stand-alone projects are subject to risks of display at county and state fair if eligible.

3. A CD or DVD with the program or a video of the project. This CD or DVD must be playable on a PC. Be sure to package the CD or DVD to prevent damage during travel to state fair.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects go to http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf and look under Display Hints and Tips and Project Tips.
ELECTRIC

Please read 4-H Project Exhibit Rules on page 4.

MAGIC OF ELECTRICITY—UNIT 1

Class 701 Magic of Electricity Jr.
Class 702 Magic of Electricity Int.
Class 703 Magic of Electricity Sr.

Exhibit will consist of the following:

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

B. One article or display board (not both) 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 with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

INVESTIGATING ELECTRICITY—UNIT 2

Class 704 Investigating Electricity Jr.
Class 705 Investigating Electricity Int.
Class 706 Investigating Electricity Sr.

Exhibit will consist of the following:

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

B. One article or display board (not both) 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 with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

WIRED FOR POWER—UNIT 3

Class 707 Wired for Power Jr.
Class 708 Wired for Power Int.
Class 709 Wired for Power Sr.

Exhibit will consist of the following:

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

B. One article or display board (not both) 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 with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ENTERING ELECTRONICS—UNIT 4 (Senior Advanced)

Class 710 Entering Electronics Sr.

Exhibit will consist of the following:

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

B. One article or display board (not both) 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 with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf and look under Display Hints and Tips and Project Tips.

Note: Please make sure that all items are attached securely to the exhibit and that they are labeled with the name of the exhibitor.
GPS & MAPPING

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

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 801 Setting Out Jr.
Class 802 Setting Out Int.
Class 803 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 with 4-H projects. No additional items may be included in front of display board. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ON THE TRAIL—LEVEL 2

Class 804 On the Trail Jr.
Class 805 On the Trail Int.
Class 806 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 a display board. 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 in front of display board. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

REACHING YOUR DESTINATION—LEVEL 3

Class 807 Reaching Your Destination Jr.
Class 808 Reaching Your Destination Int.
Class 809 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 a display board. 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 in front of display board. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

GROUP PROJECTS (Developed by two or more 4-H members).

Class 810 Group Project Jr.
Class 811 Group Project Int.
Class 812 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 a display board. 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 in front of display board. Exhibitors are encouraged to laminate all posters/maps or cover them with clear plastic film.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
MODEL ROCKETRY

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

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 its 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 of plastic or other materials must be exhibited in Units 4 and 6.

4. Unit 4 members may build Skill Level 4 and Skill Level 5 rocket kits.

5. Rockets are to be displayed and held vertically by a substantial rod or support no taller than the rocket on a stationary base appropriate to the size of the rocket, not to exceed 12” x 12” x 1” thick. Only the rocket will be judged. Do not decorate the base. No triangular stands can be used for displaying the rocket.

6. Do not include live or expended engines in the rocket exhibited.

7. If rocket is damaged in launching, it can still be judged for quality of construction, e-Record and pictures.

8. Display rockets cannot be used for the Rocket Fly Day competition at State Fair.

9. No launching pads should be used for displaying the rockets.

10. All rockets must be exhibited upright.

11. Launching your rocket is not a requirement. It is a good idea, however, to make 2 rockets—one for exhibit and one to launch if possible.

Note: Please read specific rules for your Unit.

INTRODUCTION TO ROCKETRY—UNIT 1

Balsa Fins Only

Class 901 Introduction to Rocketry Jr.
Class 902 Introduction to Rocketry Int.
Class 903 Introduction to Rocketry Sr.

Exhibit will consist of the following:
A. Completed Model Rocketry e-Record presented in a sturdy binder/notebook.

B. On the Model Rocketry page 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.
   3. The fuselage: single-tube or glider rear-engine or glider front-engine or glider canard.
   4. Engine information: engine code, label color, and type of recovery system.

C. If a rocket was launched provide the following information on the Model Rocket page:
   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 problems you encountered?

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

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

BASIC MODEL ROCKETRY—UNIT 2

Balsa Fins Only

Class 904 Basic Model Rocketry Jr.
Class 905 Basic Model Rocketry Int.
Class 906 Basic Model Rocketry Sr.

Exhibit will consist of the following:
A. Completed Model Rocketry e-Record presented in a sturdy binder/notebook.

B. On the Model Rocketry page 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.
   3. The fuselage: single-tube or glider rear-engine or glider front-engine or glider canard.
   4. Engine information: engine code, label color, and type of recovery system.

C. If a rocket was launched provide the following information on the Model Rocket page:
   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 problems you encountered?

D. One rocket personally built or display related to work done at Skill Level II.
E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

INTERMEDIATE MODEL ROCKETRY—UNIT 3

Balsa Fins Only

Class 907 Intermediate Model Rocketry Jr.
Class 908 Intermediate Model Rocketry Int.
Class 909 Intermediate Model Rocketry Sr.

Exhibit will consist of the following:

A. Completed Model Rocketry e-Record with completed questions in manual pages 31-35 presented in a sturdy binder/notebook.

B. On the Model Rocketry page 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.
   3. The fuselage: single-tube or glider rear-engine or glider front-engine or glider canard.
   4. Engine information: engine code, label color, and type of recovery system.

C. If a rocket was launched provide the following information on the Model Rocketry page.
   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 any problems you encountered?

D. One rocket personally built in unit or display related to work done in Skill Level III.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

DESIGNER MODEL ROCKETRY—UNIT 6

Finished fins of any type

Class 913 Designer Model Rocketry Jr.
Class 914 Designer Model Rocketry Int.
Class 915 Designer Model Rocketry Sr.

Exhibit will consist of the following:

A. Completed Model Rocketry e-Record with design worksheets and completed questions in manual on pages 35-39, presented in a sturdy binder/notebook. Include a copy of the plans or blueprints on how to build the rocket.

B. If a rocket was launched provide the following information on the Model Rocketry page.
   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 any problems you encountered?

C. One rocket personally designed, built (no kits) and used in unit or display related to work done.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
1. In Junk Drawer Units (1-3), youth are only allowed to enter a display board exhibit or a stand-alone exhibit, not both.

2. Robotics Platforms is just a fancy way to say robotics kits or robotics materials. Some types of commercial kits or platforms include: Arduino Kits, EV3, Brushbot, Make, Hexy, Pushbutton Programmable Robotic Kit, Sparky, Cubelets, Robotic Arm Edge, Sparkfun Red Bot, WeDo, Multiplo, NXT, TETRIX, CEENBot, and VEX.

3. Youth working individually on a robotics platform should enroll in the Platform Units. Youth should advance between units 4-6 as they feel they are progressing in their project knowledge.

4. Youth working on a team on a robotics platform should enroll in the Team Robotics Unit. Despite being on a team, the fair exhibit is meant to be completed and entered by an individual member.

5. For more information about various team competitive robotics opportunities, see this list from the Colorado 4-H STEM website.

JUNK DRAWER ROBOTICS & ENGINEERING
UNIT 1—GIVE ROBOTICS A HAND

Display Board Exhibits
Class 1001 Give Robotics a Hand Jr.
Class 1002 Give Robotics a Hand Int.
Class 1003 Give Robotics a Hand Sr.

Stand-Alone Exhibits
Class 1004 Give Robotics a Hand Jr.
Class 1005 Give Robotics a Hand Int.
Class 1006 Give Robotics a Hand Sr.

A. A sturdy binder/notebook that contains the completed 4-H Robotics e-record.

B. For Display Board Exhibits: One display board which you have made as a part of this unit of study. The standardize display board size 4’ x 3’ is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

JUNK DRAWER ROBOTICS & ENGINEERING
UNIT 2—ROBOTS ON THE MOVE

Display Boards Exhibits
Class 1007 Robots on the Move Jr.
Class 1008 Robots on the Move Int.
Class 1009 Robots on the Move Sr.

Stand-Alone Exhibits
Class 1010 Robots on the Move Jr.
Class 1011 Robots on the Move Int.
Class 1012 Robots on the Move Sr.

A. A sturdy binder/notebook that contains the completed 4-H Robotic e-record.

B. For Display Board Exhibits: One display board which you have made as a part of this unit of study. The standardize display board size 4’ x 3’ is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

JUNK DRAWER ROBOTICS & ENGINEERING
UNIT 3—MECHATRONICS

Display Board Exhibits
Class 1013 Mechatronics Jr.
Class 1014 Mechatronics Int.
Class 1015 Mechatronics Sr.

Stand-Alone Exhibits
Class 1016 Mechatronics Jr.
Class 1017 Mechatronics Int.
Class 1018 Mechatronics Sr.

A. A sturdy binder/notebook that contains the completed 4-H Robotic e-record.

B. For Display Board Exhibits: One display board which you have made as a part of this unit of study. The standardize display board size 4’ x 3’ is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ROBOTICS PLATFORMS UNIT 4—BEGINNER

Display Board Exhibits

Class 1019 Platforms—Beginner Jr.
Class 1020 Platforms—Beginner Int.
Class 1021 Platforms—Beginner Sr.

A. A sturdy binder/notebook that contains the completed 4-H Robotic e-record.

B. One display board which you have made as a part of this unit of study. The standardized display board size 4’ X 3’ is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ROBOTICS PLATFORMS UNIT 5—INTERMEDIATE

Class 1022 Platforms—Intermediate Jr.
Class 1023 Platforms—Intermediate Int.
Class 1024 Platforms—Intermediate Sr.

A. A sturdy binder/notebook that contains the completed 4-H Robotic e-record.

B. One display board which you have made as a part of this unit of study. The standardized display board size 4’ X 3’ is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ROBOTICS PLATFORMS UNIT 6—ADVANCED

Class 1025 Platform—Advanced Jr.
Class 1026 Platform—Advanced Int.
Class 1027 Platform—Advanced Sr.

A. A sturdy binder/notebook that contains the completed 4-H Robotic e-record.

B. One display board which you have made as a part of this unit of study. The standardized display board size 4’ X 3’ is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
SMALL ENGINES

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

CRANK IT UP—UNIT 1

Class 1101 Crank It Up Jr.
Class 1102 Crank It Up Int.
Class 1103 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. Exhibit may be a display board or a stand-alone item (but not both) such as: air and fuel systems, the electrical systems, a diagram of the engine block, etc. A display board can be on any topic from the Small Engines manual. 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 with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

WARM IT UP—UNIT 2

Class 1104 Warm It Up Jr.
Class 1105 Warm It Up Int.
Class 1106 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. Exhibit may be a display board or a stand-alone item (but not both) such as: air and fuel systems, the electrical systems, a diagram of the engine block, etc. A display board can be on any topic from the Small Engines manual. 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 with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

TUNE IT UP—UNIT 3

Class 1107 Tune It Up Jr.
Class 1108 Tune It Up Int.
Class 1109 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. Exhibit may be a display board or a stand-alone item (but not both) such as: air and fuel systems, the electrical systems, a diagram of the engine block, etc. A display board can be 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. 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 with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ADVANCED ENGINES—UNIT 4

Class 1110 Advanced Small Engines Jr.
Class 1111 Advanced Small Engines Int.
Class 1112 Advanced Small Engines Sr.

Exhibit will consist of the following:

A. A completed Small Engine Unit 4 e-Record with emphasis on your accomplishments in your story presented in a sturdy binder/notebook (Self-determined).

B. Include the following information in the Small Engine Unit 4 e-Record:
   1. Written description of your project:
      a. goals
      b. plans
      c. accomplishments
      d. evaluation

C. Exhibit may be a display board or a stand-alone item (but not both) such as: air and fuel systems, the electrical systems, a diagram of the engine block, etc. 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 with 4-H projects. No additional items may be included in front of display board.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Note: Please read 4-H Project Exhibit Rules on page 4. Entomology Workbook Required. Entomology is the study of insects. Insects have three body regions, three pairs of legs and one pair of antennae, wings in adult stage, typically two pair. Spiders are Arachnida which have four pair of legs, two body regions and no antennae.

Exhibits in entomology are limited to insect specimens only.

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.

Commercially available display cases are acceptable.

**LET’S LEARN ABOUT INSECTS—UNIT 1**

Class 1201 Let’s Learn About Insects Jr.

Class 1202 Let’s Learn About Insects Int.

Class 1203 Let’s Learn About Insects 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 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.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**LEARN MORE ABOUT INSECTS—UNIT 2**

Class 1204 Learn More About Insects Jr.

Class 1205 Learn More About Insects Int.

Class 1206 Learn More About Insects Sr.

Exhibit will consist of the following:

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

B. Insect collections—display no fewer than 25 and no more than 75 adult insects in at least 6 different orders. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**INSECT HABITS AND CONTROLS—UNIT 3**

Class 1207 Insect Habits and Controls Jr.

Class 1208 Insect Habits and Controls Int.

Class 1209 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 (one order developed in water), correctly labeled. 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.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

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

Class 1210 Insect Identification/Community Projects Jr.

Class 1211 Insect Identification/Community Projects Int.

Class 1212 Insect Identification/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.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

IMMATURE INSECTS AND LIFE STAGES—UNIT 5

Class 1213 Immature Insects and Life Stages Jr.
Class 1214 Immature Insects and Life Stages Int.
Class 1215 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.
E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

EXPLORING WITH INSECTS—UNIT 6

Class 1216 Exploring with Insects Jr.
Class 1217 Exploring with Insects Int.
Class 1218 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.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

EXPLORING WITH INSECTS (ADVANCED)—UNIT 7

Class 1219 Exploring with Insects Adv Jr.
Class 1220 Exploring with Insects Adv Int.
Class 1221 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 with 4-H projects. No additional items may be included in front of display board.
C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: 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 4.

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

HIKING TRAILS—UNIT 1
Class 1301  Hiking Trails       Jr.
Class 1302  Hiking Trails       Int.
Class 1303  Hiking Trails       Sr.

CAMPING ADVENTURES—UNIT 2
Class 1304  Camping Adventures   Jr.
Class 1305  Camping Adventures   Int.
Class 1306  Camping Adventures   Sr.

BACKPACKING EXPEDITIONS—UNIT 3
Class 1307  Backpacking Expeditions Jr.
Class 1308  Backpacking Expeditions Int.
Class 1309  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 with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects:
SHOOTING SPORTS

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

Project Exhibit Rules:

1. Be sure to include the log for the discipline that you are exhibiting.

2. There is one e-Record that contains the inventory sheet and the discipline log records for all the disciplines that are required for this project.

3. 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 with 4-H projects. No additional items may be included on or in front of display board.) No wooden display cases.

4. Counties may enter only one exhibit per class. Members may have entries in both the display board classes and the stand-alone classes.

5. No live ammo, tips, broadheads (ex: arrowheads), knives, functional or nonfunctional firearms or bows will be allowed as an exhibit.

6. Do not use the word weapon when creating your display. Make sure that there are no safety violations in your display. (Example: no earplugs, no safety glasses on a photo of a youth firing his/her gun.)

7. The display boards topics should stay in close relationship with your discipline. Please do not use topics outside the scope of your 4-H project. (Example: .22 Rifle Project—should not use the topic of different types of military machine guns.)

8. Stand-alone items are items that are made to enhance the discipline, such as a quiver, gun case, gun stand, etc. No display boards are allowed in the Stand-Alone Classes.

9. Because of limited floor space for displaying stand-alone items, there will be a maximum size of 3 feet in width and depth and 7 ft in height. The item must be stable when standing in order to be displayed. If an exhibit is larger than this, a notebook can be used as an exhibit showing how and what was made.

10. For those members who are exhibiting both a display board and a stand-alone, they may copy their e-record. Each exhibit must have an e-record. Be sure to highlight what you are exhibiting in your e-record.

11. No stand-alone items that are an exhibit at the time of the contests will be allowed to be removed from the building to be used at the contests.

ARCHERY
Class 1401 Archery Jr.
Class 1402 Archery Int.
Class 1403 Archery Sr.

AIR RIFLE
Class 1404 Air Rifle Jr.
Class 1405 Air Rifle Int.
Class 1406 Air Rifle Sr.

SHOTGUN
Class 1407 Shotgun Jr.
Class 1408 Shotgun Int.
Class 1409 Shotgun Sr.

.22 RIFLE
Class 1410 .22 Rifle Jr.
Class 1411 .22 Rifle Int.
Class 1412 .22 Rifle Sr.

.22 PISTOL
Class 1413 .22 Pistol Jr.
Class 1414 .22 Pistol Int.
Class 1415 .22 Pistol Sr.

BLACK POWDER MUZZLELOADING
Class 1416 Muzzleloading Jr.
Class 1417 Muzzleloading Int.
Class 1418 Muzzleloading Sr.

AIR PISTOL
Class 1419 Air Pistol Jr.
Class 1420 Air Pistol Int.
Class 1421 Air Pistol Sr.

WESTERN HERITAGE
Class 1422 Western Heritage Jr.
Class 1423 Western Heritage Int.
Class 1424 Western Heritage Sr.
Members may have entries in both the display board classes and the stand-alone classes.

STAND-ALONE CLASSES
These classes are for stand-alone items only. No display boards are allowed in the Stand-Alone Classes. Please check out rule no. 8. No live ammo, broadheads (ex: arrowheads), knives, functional or nonfunctional firearms or bows will be allowed to be displayed.

ARCHERY
Class 1428 Archery Stand Alone Jr.
Class 1429 Archery Stand Alone Int.
Class 1430 Archery Stand Alone Sr.

AIR RIFLE
Class 1431 Air Rifle Stand Alone Jr.
Class 1432 Air Rifle Stand Alone Int.
Class 1433 Air Rifle Stand Alone Sr.

SHOTGUN
Class 1434 Shotgun Stand Alone Jr.
Class 1435 Shotgun Stand Alone Int.
Class 1436 Shotgun Stand Alone Sr.

AIR PISTOL
Class 1437 Air Pistol Stand Alone Jr.
Class 1438 Air Pistol Stand Alone Int.
Class 1439 Air Pistol Stand Alone Sr.

.22 RIFLE
Class 1440 .22 Rifle Stand Alone Jr.
Class 1441 .22 Rifle Stand Alone Int.
Class 1442 .22 Rifle Stand Alone Sr.

.22 PISTOL
Class 1443 .22 Pistol Stand Alone Jr.
Class 1444 .22 Pistol Stand Alone Int.
Class 1445 .22 Pistol Stand Alone Sr.

WESTERN HERITAGE
Class 1446 Western Heritage Stand Alone Jr.
Class 1447 Western Heritage Stand Alone Int.
Class 1448 Western Heritage Stand Alone Sr.

OUTDOOR SKILLS
Class 1449 Outdoor Stand Alone Jr.
Class 1450 Outdoor Stand Alone Int.
Class 1451 Outdoor Stand Alone Sr.

BLACK POWDER MUZZLELOADING
Class 1452 Muzzleloading Stand Alone Jr.
Class 1453 Muzzleloading Stand Alone Int.
Class 1454 Muzzleloading Stand Alone Sr.

AIR PISTOL
Class 1455 .22 Pistol Stand Alone Jr.
Class 1456 .22 Pistol Stand Alone Int.
Class 1457 .22 Pistol Stand Alone Sr.
Note: Please read 4-H Project Exhibit Rules on page 4.

Exhibits may include stand-alone items such as hand-wrapped rods or hand-made lures.

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 with 4-H projects. No additional items may be included in front of display board.)

Members may have entries in both the display board classes and the stand-alone classes.

For those members who are exhibiting both a display board and a stand-alone, they may copy their e-record. Each exhibit must have an e-record. Be sure to highlight what you are exhibiting in your e-record.

Stand-alone items must not exceed 3 feet in width and depth and 7 ft in height. The item must be stable when standing in order to be displayed. If an exhibit is larger than these dimensions you may use a notebook as the exhibit and explain how and what was made.

Members may have entries in both the display board classes and the stand-alone classes.

SPORTFISHING STAND ALONE CLASSES

These classes are for stand-alone items only. No display boards are allowed in these classes.

Take the Bait Unit I
Class 1510 Sportfishing Stand Alone Jr.
Class 1511 Sportfishing Stand Alone Int.
Class 1512 Sportfishing Stand Alone Sr.

Reel in the Fun Unit 2
Class 1513 Sportfishing Stand Alone Jr.
Class 1514 Sportfishing Stand Alone Int.
Class 1515 Sportfishing Stand Alone Sr.

Cast into the Future Unit 3
Class 1516 Sportfishing Stand Alone Jr.
Class 1517 Sportfishing Stand Alone Int.
Class 1518 Sportfishing Stand Alone Sr.

All exhibits will consist of the following:

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

B. Include the following information on the project information page.

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. Exhibits may include a display board or a stand-alone item such as hand-wrapped rods or hand-made lures. 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. 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 in front of display board. 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.**

D. No knives to be displayed.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: 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 4.

For those members who are exhibiting both a display board and a stand-alone item, they may copy their e-record. Each exhibit must have an e-record. Be sure to highlight what you are exhibiting in.

Unit 1 Wildlife Conservation—The Worth of Wild Roots

Class 1601 The Worth of Wild Root Jr.
Class 1602 The Worth of Wild Root Int.
Class 1603 The Worth of Wild Root Sr.

Unit 2 Wildlife Conservation—Living Wild in an Ecosystem

Class 1604 Living Wild in an Ecosystem Jr.
Class 1605 Living Wild in an Ecosystem Int.
Class 1606 Living Wild in an Ecosystem Sr.

Unit 3 Wildlife Conservation—Managing in a Word with You and Me

Class 1607 Managing in a World Jr.
Class 1608 Managing in a World Int.
Class 1609 Managing in a World Sr.

Stand-Alone Items (For all units)

Class 1610 Stand-Alone Item Jr.
Class 1611 Stand-Alone Item Int.
Class 1612 Stand-Alone Item Sr.

All exhibits will consist of the following:

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

B. Include the following information on the Wildlife page. Show what you did and learned. Show evidence of your personal field experiences, study or observations.

C. A display board showing educational information about a topic of interest related to wildlife. **Follow the standardized display board size of 4 ft. x 3 ft.** No additional items may be included in front of display board. Possible topics could include but not restricted to: species found in Colorado, wildlife habitats, role of predators, types of bird feed, or urban wildlife challenges.

D. **OR**, instead of a display board, exhibit may be a stand-alone item, such as a wildlife diorama, scrapbook with wildlife information, pictures and news, a bird feeder or bath, or wildlife track molds. Display items should illustrate something learned in the project this year.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

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.

Note: Please read 4-H Project Exhibit Rules on page 4.
COMMUNICATION, ARTS, & LEISURE SCIENCES
DIVISION 6 CERAMICS

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

Class 1701 Glazes Jr.
Class 1702 Glazes Int.
Class 1703 Glazes Sr.
Class 1704 Bisque Option Jr.
Class 1705 Bisque Option Int.
Class 1706 Bisque Option Sr.

Exhibit will consist of the following:
A. Completed Ceramics e-Record presented in a sturdy binder/notebook.
B. Complete two learning projects with information listed on the Ceramic page.
C. Include at least three technique sheets for completed project. 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.
E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

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

Class 1707 Underglazes Jr.
Class 1708 Underglazes Int.
Class 1709 Underglazes Sr.
Class 1710 Bisque Option Jr.
Class 1711 Bisque Option Int.
Class 1712 Bisque Option Sr.

Exhibit will consist of the following:
A. Complete Ceramics e-Record presented in a sturdy binder/notebook.
B. Complete two learning projects with information listed on the Ceramic page.
C. Include at least three technique sheets for completed project. 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.
E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

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

Class 1713 Overglazes Jr.
Class 1714 Overglazes Int.
Class 1715 Overglazes Sr.

Exhibit will consist of the following:

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

B. Complete two learning projects with information listed on the Ceramic page.

C. Include at least three technique sheets for completed project. 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.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

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

Class 1716 Unfired Finishes Jr.
Class 1717 Unfired Finishes Int.
Class 1718 Unfired Finishes Sr.

Class 1719 Bisque Option Jr.
Class 1720 Bisque Option Int.
Class 1721 Bisque Option Sr.

Exhibit will consist of the following:

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

B. Complete two learning projects with information listed on the Ceramic page.

C. Include at least three technique sheets for completed project. 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.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

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

Class 1722 Porcelain Dolls Jr.
Class 1723 Porcelain Dolls Int.
Class 1724 Porcelain Dolls Sr.

Exhibit will consist of the following:

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

B. Include a technique sheet for the required skills learned, according to the manual and appropriate for the doll. 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.

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 names, numbers 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. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

HAND-CONSTRUCTED—UNIT 6

Class 1725 Hand-Constructed Jr.
Class 1726 Hand-Constructed Int.
Class 1727 Hand-Constructed Sr.

Exhibit will consist of the following:

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

B. Include a technique sheet for the completed project. 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. 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 names, numbers 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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
GLOBAL CITIZENSHIP

Note: Please read 4-H Project Exhibit Rules on page 4. No Display Boards.

STUDY OF ANOTHER COUNTRY

Class 1801 Study of Another Country Jr.
Class 1802 Study of Another Country Int.
Class 1803 Study of 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. 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.

B. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

HOST A DELEGATE FROM ANOTHER COUNTRY

Class 1804 Host a Delegate From Another Country Jr.
Class 1805 Host a Delegate From Another Country Int.
Class 1806 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.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

YOUTH COUNSELOR FOR INBOUND INTERNATIONAL DELEGATION

Class 1807 Youth Counselor Int.
Class 1808 Youth 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-ring 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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

EXCHANGE DELEGATE TO ANOTHER COUNTRY

Class 1809 Exchange Delegate to Another Country Jr.
Class 1810 Exchange Delegate to Another Country Sr.

Exhibit will consist of the following:

A. A sturdy three-ring 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.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
LEADERSHIP

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

INDIVIDUAL SKILLS FOR YOUNG MEMBERS

Class 1901 Ind. Skills for Young Members Jr.

INDIVIDUAL SKILLS FOR OLDER MEMBERS

Class 1902 Ind. Skills for Older Members Int.
Class 1903 Ind. Skills for Older Members Sr.

SKILLS WORKING WITHIN GROUPS

Class 1904 Skills Working Within Groups Int.
Class 1905 Skills Working Within Groups Sr.

SKILLS LEADING GROUPS

Class 1906 Skills Leading Groups Int.
Class 1907 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 with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
INTRODUCTION TO LEATHERCRAFT & CREATIVE STAMPING—UNIT 1

Class 2001 Intro to Leathercraft & Stamping  Jr.
Class 2002 Intro to Leathercraft & Stamping  Int.
Class 2003 Intro to Leathercraft & Stamping  Sr.

Exhibit will consist of the following:

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

B: Exhibit three (3) articles.  **Place the exhibit items on a board 12”x18”x 1/8” or ½” (preferably pegboard)** to which items are attached by means of lacing or thread:

One each from categories below:

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 clear finish to complete your article.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Note: No carving, solid-color dyeing, color shading and or antiquing is permitted.**

BEGINNING LEATHER CARVING

LEATHERCRAFT—UNIT 2

Class 2004 Beginning Leather Carving  Jr.
Class 2005 Beginning Leather Carving  Int.
Class 2006 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 ½” (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 an 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 an and b).  **Note: The labels should reflect the tools used for each sample.**
2. Two completed articles using tools and skills studied in Unit 2, which include lacing (at least one with double-loop lacing).

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Note:** No pictorial carving (framed pictures) or figure carving (realistic animal and human figures). No staining/antiquing, solid color dyeing or shading is permitted.

**INTERMEDIATE LEATHER CARVING—UNIT 3**

Class 2007 Leather Carving Jr.

Class 2008 Leather Carving Int.

Class 2009 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, simple molding and shaping or hand stitching. **Only clear finish and if laced the double loopstitch is required.**

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Note:** No pictorial carving (framed pictures) or figure carving (realistic animal and human figures). No staining/antiquing, solid color dyeing or shading is permitted.

**ADVANCED UNITS 4-10**

**ADVANCED LEATHER CARVING—UNIT 4**

Class 2010 Advanced Leather Carving Jr.

Class 2011 Advanced Leather Carving Int.

Class 2012 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. Background dyeing, antiquing and two-tone finishing is optional in this unit.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Note:** Solid-color dyeing and color shading will not be permitted in Unit 4.

**COLORING AND SHADING—UNIT 5**

Class 2013 Coloring and Shading Jr.

Class 2014 Coloring and Shading Int.

Class 2015 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, color shading, or antiquing. The design can be either conventional or realistic carving.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Note:** All dyeing, shading, and antiquing are optional after Unit 5.

**PICTORIAL CARVING—UNIT 6**

Class 2016 Pictorial Carving Jr.

Class 2017 Pictorial Carving Int.

Class 2018 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 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.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**MAKING AND REBUILDING SADDLES—UNIT 7**

Class 2019 Making and Rebuilding Saddles Jr.

Class 2020 Making and Rebuilding Saddles Int.

Class 2021 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.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ADVANCED CREATIVE STAMPING—UNIT 8

Class 2022 Creative Stamping Jr.
Class 2023 Creative Stamping Int.
Class 2024 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.
C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

BRAIDING AND UNTOOLED—UNIT 9

Class 2025 Braiding and Untooled Jr.
Class 2026 Braiding and Untooled Int.
Class 2027 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.)
C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

SEWING LEATHER—UNIT 10

Class 2028 Sewing Leather Jr.
Class 2029 Sewing Leather Int.
Class 2030 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 4.

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. Display photo may be up to 5” x 7” in size. The photo must be mounted on a mat and suitable for hanging without additional frame. No other mounted materials (i.e., glass, wood, plastic, metal, etc.) can be used.

4. All photos in the notebook or manual should be 4” x 6” unless otherwise indicated in the manual. If the photos do not fit on the page, add a page for the photo.

5. Display photo will be used to display at state fair so be careful when picking your best photo. Notebooks will not be displayed.

6. The maximum size for the matted only picture is no larger than 8” x 10” (no frame or glass).

7. 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 the unit. All materials must fit within the notebook. Additional pages can be added as needed to exhibit your photos. Notebooks will be judged but will not be displayed.

8. For photo exhibits in levels 1-3 follow the tips on page 73 on the manuals. Photos can be mounted on the journal pages or cardstock. Label format for UNITS 1-4:
   - Camera used
   - Journal page # (if using card stock to mount pictures)
   - Photo # (left to right and top to bottom)
   - Date Photo Taken

9. Label Format for UNITS 6
   - Photo # or Media Used
   - Subject
   - Date Photo Taken or Date of Film
   - Notes

10. Unit 4 Lightning Photography is not limited to only lightning photos. Youth can exhibit photos taken at night: moon light photos, fireworks, night-time photos. Photos using long exposure and high speed can also be exhibited. Be sure to check out the requirements.

FOCUS ON PHOTOGRAPHY—LEVEL 1

Class 2101 Focus on Photography Jr.
Class 2102 Focus on Photography Int.
Class 2103 Focus on Photography Sr.

Exhibit will consist of the following:

A. Completed e-record. Include the following in your story: what camera you used this year (brand name, film size, etc.), how you stored your pictures and why you picked your Display Photo. (Also include photos of you working on your project in the e-record photo page.) Completion of pages 4-7 in the manual.

B. All photos must be labeled as follows:

1. Camera used
2. Journal page # (if using card stock to mount pictures)
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Level 1 photo exhibits will consist of the following Photo Journal pages from the manual (a minimum of 60 photos and maximum of 66 photos). Photos may be mounted on cardstock with reference to journal pages.

Juniors choose 7 photo activities from Numbers 2-16 to present in a notebook. Suggested to start with 2 and work down.

1. Photo Journal Page 7-1 photo (Display Photo)—will be displayed—must be matted.
2. Photo Journal Page 12-5 photos
3. Photo Journal Page 16-6 photos
4. Photo Journal Page 20-6 photos—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
8. Photo Journal Page 36-3 photos
9. Photo Journal Page 40-3 photos
10. Photo Journal Page 44-1 to 5 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 story format
15. Photo Journal Page 64-3 to 5 photos
16. Photo Journal Page 68-4 photos

D. Display photo may be up to 5” x 7” in size but not larger than 8” x 10” matted. This photo will be used for displaying and must be matted.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CONTROLLING THE IMAGE—LEVEL 2

Class 2104 Controlling the Image Jr.
Class 2105 Controlling the Image Int.
Class 2106 Controlling the Image Sr.

Exhibit will consist of the following:

A. Completed e-record. Include the following in your story: what camera you used this year (brand name, film size, etc.), how you store your pictures and why you picked your Display Photo. Also include photos of you working on your project in the e-record photo page. Completion of pages 4-7 in the manual.

B. All photos must be labeled as follows:

1. Camera used
2. Journal page # (if using card stock to mount pictures)
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Level 2 photo exhibits will consist of the following Photo Journal pages from the manual. (A minimum of 48 photos. Note: this level is for cameras that can be adjusted for speed and lighting). Photos may be mounted on cardstock with reference to journal pages.

1. Photo Journal Page 7 -- 1 photo (Display Photo) this will be displayed—must be matted.
2. Photo Journal Page 12 -3 still subject with different aperture settings (explained in manual pg. 10); 3 moving subject with different shutter speeds (explained in manual pg. 10).
3. Photo Journal Page 16 -6 photos
4. Photo Journal Page 20 -3 photos as explained in manual on pg. 18.
6. Photo Journal Page 28 -3 photos
7. Photo Journal Page 32 -3 photos
8. Photo Journal Page 36 -3 photos
9. Photo Journal Page 40 -4 photos
10. Photo Journal Page 44 -3 to 5 photos
11. Photo Journal Page 48 -1 photo
12. Photo Journal Page 52 -3 to 4 photos
13. Photo Journal Page 56 -2 photos
14. Photo Journal Page 60 -3 photos
15. Photo Journal Page 64 -3 photos
16. Photo Journal Page 68 - panorama

D. Display photo may be up to 5” x 7” in size but not larger than 8” x 10” matted. This photo will be used for displaying and must be matted.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

MASTERING PHOTOGRAPH— LEVEL 3

Class 2107 Mastering Photography Jr.
Class 2108 Mastering Photography Int.
Class 2109 Mastering Photography Sr.

Exhibit will consist of the following:

A. Completed e-record. Include the following in your story: what camera you used this year (brand name, film size, etc.), how you stored your pictures and why you picked your Display Photo pictures. Also include photos of you working on your project in the e-record photo page. Completion of pages 4-7 in the manual.

B. All photos must be labeled as follows:
1. Camera used
2. Journal page # (if using card stock to mount pictures)
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Level 3 photo exhibits will consist of the following Photo Journal pages from the manual (minimum of 48 photos). Photos may be mounted on cardstock with reference to journal pages.

1. Photo Journal Page 7 - 1 photo (Display Photo) —this will be displayed —must be matted.
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

D. Display photo may be up to 5” x 7” in size but not larger than 8” x 10” matted. This photo will be used for displaying and must be matted.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

LIGHTNING PHOTOGRAPHY UNIT 4

Class 2110 Lightning Photos Jr.
Class 2111 Lightning Photos Int.
Class 2112 Lightning Photos 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. All photos must be labeled as follows:
1. Camera used
2. Exposure details
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Three 5”x7” photos mounted on a mat. No other mounted materials (i.e., glass, wood, plastic, metal, etc.) can be used.

D. These three photos can be taken from any of these categories: lightning, night-time, fireworks, and moon-light, long exposure and high speed photos. For example: two lightning photos and one moon-light photo; or one lightning, one firework, one long exposure, and so on. Any combination can be done.

E. Maximum size for the matted picture is no larger than 8”x10”

F. 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)

G. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

ADVANCED PHOTOGRAPHY—UNIT 6

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

Class 2113 Advanced Photography Jr.
Class 2114 Advanced Photography Int.
Class 2115 Advanced Photography Sr.

Exhibit will consist of the following:

A. Completed Photography Unit 6 e-Record with emphasis on accomplishments in your story. Include photos in the e-Record photo page of you working on your project.

B. All photos must be labeled as follows:
   1. Photo #
   2. Subject
   3. Date Photo Taken
   4. Notes

C. Include the following information Photography page.
   1. Goals
   2. Plans
   3. Accomplishments
   4. Evaluation

D. Photos should show your progress and be labeled as successful or not, plus reasons.

E. Notebook which illustrate achievements.

F. Display photo may be up to 5" x 7" in size but not larger than 8" x 10" matted. This photo will be used for displaying and must be matted.

G. Project will be evaluated on quality of content in the written statement and completion of e-record (50 percent) and quality of content in notebook (50 percent).
Description of what the Filmmaking Project Categories are:

1. **Animation** – A film created by techniques that simulate movement from individual images.
2. **Narrative** – A film which tells a story. It can be based on fact or fiction.
3. **Documentary** - A film which presents factual information about a person, event or process.
4. **Promotional** – This category is for films or public service announcements that are meant to publicize 4-H programs or some other cause that you are passionate about.
5. **Voices of 4-H History** – A historical perspective on 4-H. May be a narrative, documentary, animation, etc.

All exhibits will consist of the following:

A. Completed e-record and binder including story board.

B. Video must be less than 10 minutes in length.

C. The video should be DVD media only and ready for viewing. Be sure that the DVD can be viewed on various computer operating systems (ex: Windows, Mac, OS-X, etc.).

D. Make sure your video is in good taste (similar to G and PG ratings). Videos may be disqualified if deemed to have questionable content. 4-H Code of Conduct must be followed.

E. DVD must be labeled as follows:
   1. Name
   2. County
   3. Title
   4. Class

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

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**Animation**

Class 2201 Animation Jr.
Class 2202 Animation Int.
Class 2203 Animation Sr.

**Narrative**

Class 2204 Narrative Jr.
Class 2205 Narrative Int.
Class 2206 Narrative Sr.

**Documentary**

Class 2207 Documentary Jr.
Class 2208 Documentary Int.
Class 2209 Documentary Sr.

**Promotional**

Class 2210 Promotional Jr.
Class 2211 Promotional Int.
Class 2212 Promotional Sr.

**Voices of 4-H History**

Class 2213 Voices of 4-H History Jr.
Class 2214 Voices of 4-H History Int.
Class 2215 Voices of 4-H History Sr.

*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.*
SCRAPBOOKING

Note: Please read 4-H Project Exhibit Rules on page 4. Youth may exhibit in one or all classes that they choose.

For those members who are exhibiting several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.

Scrapbooking One Page Layout

Class 2301 One scrapbooking page Jr.
Class 2302 One scrapbooking page Int.
Class 2303 One scrapbooking page Sr.

Exhibit will consist of the following:

A. Completed e-Record presented in a sturdy binder/notebook.
   1. Seniors shall complete Senior Project on page 32 of manual for a single page layout rather than the specified two-page layout. Place information in the e-Record on the Specific Information Page.
   2. Complete activities 1, 2, & 3 in manual and place in record book.

B. One-page layout scrapbook page 8 ½” x 11” or 12” x 12”.
   1. Page shall contain the following techniques: Juniors; at least two (2) techniques from the album technique list, Intermediates; at least two (2) techniques from the album technique list, Seniors; at least three (3) techniques from the album technique list. Create a page that is pleasing to the eye, items are not cluttered and colors are appropriate to subject matter.
   C. Journaling and titling must be included on the one page.
   D. If memorabilia are utilized, it must be placed in an archival safe sleeve.
   E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Scrapbooking Two Page Layout

Class 2304 Two-page layout Jr.
Class 2305 Two-page layout Int.
Class 2306 Two-page layout Sr.

Exhibit will consist of the following:

A. Completed e-Record presented in a sturdy binder/notebook.
   1. Seniors shall complete Senior Project on page 32 of manual for a single page layout rather than the specified two-page layout. Place information in the e-Record on the Specific Information Page.
   2. Complete activities 1, 2, & 3 in manual and place in record book.

B. Designated Two-page layout in 8 ½” x 11” or 12” x 12”. Formatted to go together in a set (a two-page spread) that is coordinated by color and design which follows a theme with good logical order.
   1. “Place two-page layout in appropriately sized binder in protective sleeve-Archival safe”.
   2. “Pages shall contain the following techniques: Juniors; at least two (2) techniques from the album technique list, Intermediates, at least three (3) techniques from the album technique list, Seniors; at least four (4) techniques from the album technique list”.
   C. Journaling and titling must be included on the two-page layout.
   D. If memorabilia are utilized, it must be placed in an archival safe sleeve.
   E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Scrapbooking Album

Class 2307 Scrapbook Album Jr.
Class 2308 Scrapbook Album Int.
Class 2309 Scrapbook Album Sr.

Exhibit will consist of the following:

A. Completed e-Record presented in a sturdy binder/notebook.
   1. Complete activities 1, 2, & 3 in manual and place in record book.
   2. Seniors shall complete Senior Project on page 32 of manual. Place completed project in record book on the specific information page.

B. Completed album must contain eight (8) pages, designed on both front and back, for a total of sixteen (16) pages.
   1. Pages must be exhibited between a sturdy front and back cover with each page in a protective sleeve-archival safe. Memorabilia shall be encased in protective sleeve, but does not count in required page count if placed in a separate sleeve. For example, if album contains fifteen pages of layouts and the sixteenth page is memorabilia, the album is missing a page and can be disqualified.
2. Include technique list, per page 5 of manual, on inside front cover of album. Mark album pages to correspond with technique list so the judge can easily find them (ex: number bottom corner of page protector).

3. Album shall follow a theme or be in chronological order.

4. All pages must include Journaling:
   a. Correct spelling
   b. Tell your story: who, what, when, where, why?
   c. Title your page, or two-page layout.
   d. Album must contain at least one handwritten journal entry, all others may be typed.

C. Technique List:

Juniors 5 techniques (mark the pages where the techniques are located in the album):
1. Stickers or Die Cuts or craft punch
2. Cutting or tearing
3. Photo matting (single or double)
4. (2) Enlarged Photos (minimum size 5 x 7), one must be black and white or sepia.
5. Two-page layout, coordinated and themed.

Intermediate 9 techniques (mark the pages where the techniques are located in the album):
1. Stickers or Die Cuts
2. Cutting and tearing
3. Photo matting (single or double)
4. Craft Punch
5. Inking/Stamping
6. Two (2) enlarged photos (minimum size 5 x 7), one must be black and white or sepia.
7. Memorabilia (in protective sleeve- archival safe)
8. Dimensional Embellishment (button, beads, bling, eyelets, brads, etc.)

Senior 15 techniques (mark the pages where the techniques are located in the album):
1. Stickers or Die Cuts
2. Cutting and tearing
3. Double Photo Matting
4. (2) Enlarged Photos (minimum size 5 x 7), one must be black and white or sepia.
5. Inking/Stamping/Coloring
6. Create a Border
7. Fibers
8. Buttons or beads
9. Eyelets or brads
10. Rub-ons or embossing
11. Craft punches
12. Chipboard
13. Dimensional Design (may use another technique to create dimensional design, such as die-cut and stamping. Does not count as two techniques.)
14. Two-page layout, coordinate and themed.

15. Memorabilia (in protective sleeve- archival safe)

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

SCRAPBOOKING—CARD MAKING
(For Intermediates and Seniors Only)

Class 2310 Card Making Int.
Class 2311 Card Making Sr.

Exhibit will consist of the following:

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

B. Set of 4 different hand-made cards following a theme with a maximum size of 4”x 6” per card displayed on a 12’ x 12’ board.

C. No commercial based cards can be used.

D. Four (4) techniques are required, at least three (3) per card. Techniques shall be labeled on the back of the board. Pick from the following list:
1. Inking/distressing
2. Stamping/Coloring
3. Fibers
4. Buttons or beads/eyelets or brads
5. Tearing
6. Embossing
7. Dimensional design
8. Craft punch/Die cuts
9. Rub-ons/Stickers

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
WOODWORKING

Please read 4-H Project Exhibit Rules on page 4.

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

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

Please notify the State 4-H Office if exhibit is oversized.

MEASURING UP—UNIT 1

Class 2401 Measuring Up Jr.
Class 2402 Measuring Up Int.
Class 2403 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 2404 Making the Cut Jr.
Class 2405 Making the Cut Int.
Class 2406 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 2407 Nailing It Together Jr.
Class 2408 Nailing It Together Int.
Class 2409 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, rabbit 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 2410 Finishing Up Jr.
Class 2411 Finishing Up Int.
Class 2412 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 Woodworking 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 Woodworking page:
   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. 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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Visual Arts

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

Exhibit your best Art Design.

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

Class 2501 Paintings & Printing Jr.
Class 2502 Paintings & Printing Int.
Class 2503 Paintings & Printing Sr.

Graphic Design

Class 2504 Graphic Designs Jr.
Class 2505 Graphic Designs Int.
Class 2506 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 Visual Arts e-record. (For example: 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 (no frames should be used). Watercolor paintings should use small matte and be framed with glass. The framed watercolor should not be larger than 16” x 24”.

E. Graphic Design exhibit can be a logo or a self-portrait, a blog, advertisement, website, CD or DVD label, optical illusion, or a notebook of your graphic designs, etc.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Sketchbook Crossroads—Drawing, Fiber and Sculpture

Class 2507 Sketch Crossroads Jr.
Class 2508 Sketch Crossroads Int.
Class 2509 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 all completed art techniques on the Visual Arts e-record. (For example: Art techniques for drawing -- continuous and contour, shading, perspective, paper choices, colored pencils, pen and ink, calligraphy and cartooning. See manual for fiber and sculpture techniques.)

C. Explain in your 4-H e-Record story what you learned.

D. Exhibit -- display your best art design or sculpture. Framed drawings shall be no larger than 16” x 24” including the frame and ready to hang. Fiber art should be framed and ready to hang and no larger than 16” x 24”.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
CONSUMER SCIENCE
DIVISION 8

CAKE DECORATING

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

Project Exhibit Rules

1. Cake should be placed on a very firm, disposable surface, cut parallel to the shape of the cake and must be 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 cake board must be covered with a food safe material – such as aluminum foil. If you use a decorative or gift wrap paper or fabric, it must be covered in food quality plastic wrap.

2. It is recommended that members learn the basic cake decorating skills included in Unit 1-3 before taking any of the more advanced units. Youth may then select the unit which includes the skills they wish to learn. Units 4-6 do not have to be taken in order as numbered and are for Jr., Int. and Seniors. Units 7-9 do not have to be taken in order as numbered and are for Intermediates and Seniors. Units 10-12 are for Senior members only.

3. Real cakes are required for Units 1-6. Cake forms are preferred for exhibits in Units 7-10, as they hold up better under state fair conditions.

4. Once a 4-H member has received a placing in the top 10 or a grand champion, they need to move to another unit because they have mastered the skills in this unit. Also if a member repeats a unit they must show what new skill they have learned by repeating the unit.

5. No non-edible material can be used in units 1-6.

6. Lower Units (1-3) in Cake Decorating should not use Royal Icing or Rolled Fondant as the base frosting. Fondant may be used only for decorations on cakes in Unit 1. No Fondant can be used in Units 2 and 3. Only required tip work can be used in Units 2 and 3.

7. Exhibits requiring over 2’ x 2’ exhibit area must be checked with the superintendent.

8. Cakes will not be cut for judging.

9. Real cakes are required for all four required cakes and cupcake batter in units 1-6. At least 2 of the cakes need to be real in Units 7-10. Also for Unit 8, 3 of the 5 cakes are required to be totally covered with fondant.

10. Unit 11 is molds and three molds are required plus the exhibit mold for a total of 4.

11. Unit 12—75 percent of the judging will be on the notebook.

12. All cakes require a bottom border.

13. Definition of two layered cake is, two of the same size cakes placed on top of each other. This is used for units 3, 7, 8, & 9.

CAKE DECORATING—UNIT 1 —EDIBLE CAKE DECORATING

Class 2601  Cake Decorating Unit 1  Jr.
Class 2602  Cake Decorating Unit 1  Int.
Class 2603  Cake Decorating Unit 1  Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required cakes plus the exhibit cake (TOTAL OF 5) (All 5 cakes must be real):

1. occasion for use
2. real cakes
3. size or shape
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 real cake (8” or 9” or 10” inch round or square or 9” x 13” inch rectangle cake) using only edible materials (for example: candies, pretzels, and coconut should be used to create a design). A real cake (no cake forms) should be used for exhibit in Unit 1. No decorator tips are allowed in this unit. Fondant may be used for decorations only on the cake. One fourth of the top of cake should be visible to show smooth base. No royal icing can be used as icing or decorations on the cake. No non-edible material can be used in units 1-6.

E. Bottom Base Border required.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CAKE DECORATING—UNIT 2—SINGLE LAYERED CAKE

Class 2604  Cake Decorating Unit 2  Jr.
Class 2605  Cake Decorating Unit 2  Int.
Class 2606  Cake Decorating Unit 2  Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required cakes plus
the exhibit cake (TOTAL of 5) (All 5 cakes must be real cakes):
1. occasion for use
2. real cakes
3. size or shape
4. techniques used
5. tips used and where
6. cost to buy similar cake
7. 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-layered real cake (8" or 9" or 10" round or square) using three to five different types of tips in decorating. You must use the writing, star, and leaf tips, but may also use other tips, if you choose. Spatula and brush striping are optional. One fourth of the top of cake should be visible to show smooth base. Do not use flowers made on a flower nail or materials other than frosting. No fondant or royal icing may be used as icing or decorations on the cake. Only required tip work can be used in Unit 3. No non-edible material can be used in units 1-6.

E. Figure piping required on Exhibit Cake and on at least two practice cakes.

F. Side border required on Exhibit Cake and on at least two practice cakes.

G. Bottom Base Border required.

H. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CAKE DECORATING—UNIT 4 – CHARACTER CAKES

Class 2610 Cake Decorating Unit 4 Jr.
Class 2611 Cake Decorating Unit 4 Int.
Class 2612 Cake Decorating Unit 4 Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required character cakes plus the exhibit (TOTAL of 5) (All 5 character cakes must be real cakes):
   1. occasion for use
   2. shape
   3. real character cakes
   4. techniques used
   5. tips used and where
   6. cost to buy similar cake
   7. 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 and other than a classic square, round, oblong, heart, hexagon, oval or petal cake shape). Three-dimensional cakes are acceptable. The cake is to be primarily decorated with the star tip or other tips appropriate to the design. No non-edible material can be used in units 1-6.

E. Bottom Base Border required.
Exhibit will consist of the following:

**CAKE DECORATING—UNIT 5 – THEMED CUPCAKES**

Class 2613  Cake Decorating Unit 5    Jr.
Class 2614  Cake Decorating Unit 5    Int.
Class 2615  Cake Decorating Unit 5    Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required batches of cupcakes (can either be themed, stacked or character), plus the exhibit cupcakes, for a minimum of five baking and decorating experiences. **(TOTAL 5):**

1. occasion for use
2. size or shape
3. four batches of cupcakes
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 cupcake batches and exhibit cupcake on the expense page in the e-Record.

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

D. A minimum of 3 and a maximum of 6 regular size (2 ¾ inches) cupcakes in liners. Cupcakes should be decorated using frosting and edible materials. Fondant and royal icing can be used only for decorations. Cupcakes should be of a similar theme (themed cupcakes mean that there is a central idea between all the cupcakes (example: animal theme, flower theme; Disney characters cupcakes do not have to be all the same). Place each decorated cupcake in a disposable 6-cup muffin tin or a disposable container that matches the theme and is no larger than 10 inch round (example: tea cups, ice cream cones, etc.). Please label with the Exhibitor name and county. No non-edible materials can be used.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**CAKE DECORATING—UNIT 5 – STACKED CUPCAKES**

Class 2616  Cake Decorating Unit 5    Jr.
Class 2617  Cake Decorating Unit 5    Int.

Class 2618  Cake Decorating Unit 5    Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required batches of cupcakes (can either be themed, stacked or character), plus the exhibit cupcakes, for a minimum of five baking and decorating experiences **(TOTAL 5):**

1. occasion for use
2. size or shape
3. four batches of cupcakes
4. techniques used
5. tips used and where
6. edible materials used
7. cost to buy similar cupcakes

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

D. Stacking Cupcakes: creating one design where cupcakes are stacked on top of each other and decorated. (Experiment with using mini cupcakes and regular sized cupcakes when stacking.) Non-visible supports can be used to hold stacked cupcakes. Cupcakes are decorated using frosting and edible materials. Fondant and royal icing can be used for decorations only. Cupcakes should be secured to a sturdy board (secured with frosting) for display. Board size should be appropriate to design (use guideline for cakes-maximum of 9" x 13"). No non-edible materials can be used.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**CAKE DECORATING—UNIT 5 – CHARACTER CUPCAKES**

Class 2619  Cake Decorating Unit 5    Jr.
Class 2620  Cake Decorating Unit 5    Int.
Class 2621  Cake Decorating Unit 5    Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required batches of cupcakes (can either be themed, stacked or character), plus the exhibit cupcakes **(TOTAL 5):**

1. occasion for use
2. size or shape
3. four batches of cupcakes
4. techniques used
5. tips used and where
6. edible materials used
7. cost to buy similar cupcakes
8. any problems you had

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

D. Character Cupcakes are multiple individually decorated cupcakes that come together to create the character— (if a cupcake is removed) the design or character will be ruined. Another way to describe character cupcakes is any design that cannot be displayed in a cupcake pan as individual cupcakes. Design should be one dimension—no stacking.

Cupcakes are decorated using frosting and edible materials. Fondant and royal icing can be used only for decorations. The character must be displayed on one cake board with a maximum size of 9 x 13 inches. No non-edible materials can be used.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CAKE DECORATING—UNIT 6—CUT-UP CAKES

Class 2622 Cake Decorating Unit 6 Jr.
Class 2623 Cake Decorating Unit 6 Int.
Class 2624 Cake Decorating Unit 6 Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required cut-up cakes plus the exhibit cake (TOTAL OF 5) (All 5 cut-up cakes must be real cakes):

1. occasion for use
2. size or shape
3. real cut-up cakes
4. techniques used
5. tips used and where
6. edible materials used
7. cost to buy similar cake
8. any problems you had

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. Patterns or diagrams for all required cakes must be included in e-Record.

D. One decorated cut-up cake using three different types of decorator tips (not different sizes of the same tips). (Edible materials may also be used-non-edible materials cannot be used to decorate.) Cake board must be cut parallel to the shape of the cake and not exceed 2’x2’ maximum limit. Non-edible internal supports are allowed but must not show. No non-edible materials can be used.

E. Bottom Base Border required.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CAKE DECORATING—UNIT 7—FLAT SURFACE AND NAIL FLOWERS

Class 2625 Cake Decorating Unit 7 Int.
Class 2626 Cake Decorating Unit 7 Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required cakes plus the exhibit cake (TOTAL OF 5) (At least 2 of the 4 must be real cakes):

1. occasion for use
2. size or shape
3. cake or cake form (at least 2 real cakes)
4. techniques used
5. tips used and where
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 two-layered 8, 9, or 10-inch cake or cake form 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. No Fondant.

E. Side trim is required.

F. Bottom Base Border required.

G. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CAKE DECORATING—UNIT 8—FONDANT

Class 2627 Cake Decorating Unit 8 Int.
Class 2628 Cake Decorating Unit 8 Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four cakes plus the exhibit (TOTAL OF 5) (At least 2 of the 4 must be real cakes and 3 of the 5 covered with fondant.)

Exhibit cake must be covered with fondant:

1. occasion for use
2. size or shape
CAKE DECORATING—UNIT 9 – LILY NAIL FLOWERS

Class 2629 Cake Decorating Unit 9 Int.
Class 2630 Cake Decorating Unit 9 Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the four required cakes, plus the exhibit cake (TOTAL of 5). (At least 2 of the 4 cakes must be real):
   1. occasion for use
   2. size or shape
   3. cake or cake form (at least 2 real cakes)
   4. techniques used
   5. tips used and where
   6. cost to buy similar cake
   7. any problems you had

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-layered 8, 9, 10-inch cake or cake form using an example of string work and a flower made on a lily flower nail.

E. String work required. Writing is not string work.

F. Bottom Base Border is required.

G. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CAKE DECORATING—UNIT 10 – TIERED CAKES SENIORS ONLY

Class 2631 Cake Decorating Unit 10 Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the three required cakes plus the exhibit cake (TOTAL of 4). (At least 2 of the 4 must be real cakes.) Forms are preferred for the Exhibited Cake:
   1. occasion for use
   2. size or shape
   3. cake or cake form (at least 2 real cakes)
   4. techniques used
   5. tips used and where
   6. cost to buy similar cake
   7. any problems you had

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.

E. Bottom Base Border is required.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CAKE DECORATING—UNIT 11 – MOLDS SENIORS ONLY

Class 2632 Cake Decorating Unit 11 Sr.

Exhibit will consist of the following:

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

B. Include the following information in the Cake Decorating e-Record on the three required molded items plus the exhibit item. Mold and shape at least three different edible materials (fondant, gum paste, molding chocolate, candy melts, etc.)
   1. occasion for use
   2. molding materials (at least three different molding or shaping materials)
   3. molds used (mold at least three different edible molds)
   4. techniques used
   5. tips used and where
   6. edible materials other than molding
   7. cost of materials
   8. any problems you had

C. Include photos or drawings of the three molded items in addition to photos of you working on your project in the record photo page.
D. One molded or shaped object may be on a decorated cake, a cake form or an independent display in a case (no larger than 10 inches) to protect the item from harm.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**CAKE DECORATING—UNIT 12 –CREATE YOUR OWN SENIORS ONLY**

Class 2633 Cake Decorating Unit 12 Sr.

Exhibit will consist of the following:

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

B. A detailed notebook describing your project including your goals, plans, accomplishments and your evaluation of results. You may use pictures or any records you have kept to provide evidence of your accomplishments. This notebook is considered to be your main project exhibit and will count for 75 percent of the scoring. If an item was made as part of your project, a sample may be displayed as further evidence of the quality of your project. Display must not require over a 1’x1’ area or consist of more than three items.

C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Note:** For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips
CHILD DEVELOPMENT

Intermediate Child Development (Ages 11-13)

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

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’ x 3’ is to be used for all 4-H projects. No additional items may be included in front of display board. All other exhibits should fit within a 2’ x 2’ x 2’ space.

4. Manual and records must be securely fastened in a sturdy binder or small three-ring notebook. No binder/notebooks with slider closures are allowed.

Arts and Crafts
Class 2701 Arts and Crafts Int.

Exhibit will consist of the following:


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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Music and Rhythm
Class 2703 Music and Rhythm Int.

Exhibit will consist of the following:


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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Stories and Poems
Class 2704 Stories and Poems Int.

Exhibit will consist of the following:


C. Creative exhibit based on a More to Grow On activity from the Stories and Poems Chapter.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Snacks
Class 2705 Snacks Int.

Exhibit will consist of the following:


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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Senior Child Development (Ages 14 and older)

Guidance and Discipline
Class 2706  Guidance and Discipline  Sr.

Exhibit will consist of the following:
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.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Parties
Class 2707  Parties  Sr.

Exhibit will consist of the following:
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.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Mealtime
Class 2708  Mealtime  Sr.

Exhibit will consist of the following:
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.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Safety
Class 2709  Safety  Sr.

Exhibit will consist of the following:
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.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Careers
Class 2710  Careers  Sr.

Exhibit will consist of the following:
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.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
CLOTHING CONSTRUCTION

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

1. With these new sewing manuals, a member may stay in the manuals until they have mastered the techniques. Beginning Clothing STEAM 1 is for beginner sewers, those who will little to no experience. Beginning Clothing STEAM 2 is for sewers that are familiar with the basic techniques and ready to learn more advanced skills. Clothing STEAM 3 is for the advanced sewer who wants to learn more about tailoring and advanced skills. Clothing STEAM 3 is for intermediates and seniors.

2. 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.

3. The garments may be worn before exhibiting but should be in good and clean condition.

4. Sergers may be used as a seam finish, only; not as a seam for STEAM Clothing 1.

5. Due to the difficulty of skills involved, buttonholes and button loops are to be used in STEAM Clothing 2 and above.

6. 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., are to be used in the exhibit.

7. Advanced Unit STEAM Clothing 3—complete one textile experiment using your garment fashion fabric each year. Include this information in your clothing construction e-Record: completed experiment sheets and sample(s) mounted (on 8 1/2” x 11” heavy paper). No photos of experiments are allowed. Fabric must be attached. Experiments may be repeated in a subsequent year as long as different fabric is used.

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

9. Do not use binders that are clear plastic with sliders.

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

11. All garments construction in STEAM Clothing 1, 2 and 3 and Unit 8 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 STEAM 1

Class 2801 Pillowcase Jr.

Exhibit will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction e-Record on the Expense page.

C. Include the following information on the Clothing Construction page.
   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 Clothing Construction e-Record.

E. Pillowcase illustrating the skills learned in STEAM CLOTHING 1.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

BEGINNING CLOTHING STEAM 1

Class 2802 Pillow Jr.

Exhibit will consist of the following:

A. Completed Clothing Construction 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 if used in the Clothing Construction e-Record on the Expense page.

C. Include the following information on the Clothing Construction page.
   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 Clothing Construction e-Record.

E. Simple Pillow – No larger than 18” x 18” illustrating the skills learned in STEAM CLOTHING 1.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

BEGINNING CLOTHING STEAM 1

All exhibits will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction e-Record on the Expense page.

C. Include the following information on the Clothing Construction page.
   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 Clothing Construction e-Record.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

F. An exhibit illustrating the skills learned in STEAM Clothing 1. Exhibits must use a firmly-woven, medium-weight cotton or at least 50-percent cotton-blend fabric. Exhibit should be a simple pattern with two or three pattern pieces without set-in sleeves, zippers, collars, and no button holes.

Members can exhibit in one or more of the following classes:

**Simple Top**
- Class 2803 Simple Top Jr.
- Class 2804 Simple Top Int.
- Class 2805 Simple Top Sr.

**Simple Bottom**
- Class 2806 Simple Bottom (pants, pajama bottoms, shorts, skirts) Jr.
- Class 2807 Simple Bottom (pants, pajama bottoms, shorts, skirts) Int.
- Class 2808 Simple Bottom (pants, pajama bottoms, shorts, skirts) Sr.

**Simple Dress**
- Class 2809 Simple Dress Jr.
- Class 2810 Simple Dress Int.
- Class 2811 Simple Dress Sr.

CLOTHING STEAM 2

All exhibits will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction e-Record on the Expense page.

C. Include the following information on the Clothing Construction page.
   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 Clothing Construction e-Record.

E. An exhibit illustrating the skills learned in STEAM CLOTHING 2. Exhibits may use any woven or knit fabric appropriate to the garment’s design and should demonstrate sewing skills beyond STEAM Clothing 1. The exhibit should include one or more of the following techniques: set-in sleeves, zippers, collars and button holes.

Members can exhibit in one or more of the following classes:

**Top**
- Class 2812 Top (vest acceptable) Jr.
- Class 2813 Top (vest acceptable) Int.
- Class 2814 Top (vest acceptable) Sr.

**Bottoms**
- Class 2815 Bottom (pants or shorts) Jr.
- Class 2816 Bottom (pants or shorts) Int.
- Class 2817 Bottom (pants or shorts) Sr.

**Skirt**
- Class 2818 Skirt Jr.
- Class 2819 Skirt Int.
**SEWING FOR OTHERS—UNIT 7**

- **Class 2830** Sewing for Others Unit 7 Jr.
- **Class 2831** Sewing for Others Unit 7 Int.
- **Class 2832** Sewing for Others Unit 7 Sr.

Exhibit will consist of the following:

A. Completed Clothing Construction e-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in the project story:
   1. Why you chose to exhibit this item.
   2. Who you made the garment(s) for.
   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 Clothing Construction page.
   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.

D. Project will be evaluated on the quality of construction techniques (75 percent) and a completed e-record (25 percent).

**RECYCLED CLOTHING—UNIT 8**

- **Class 2833** Recycled Clothing Unit 8 Jr.
- **Class 2834** Recycled Clothing Unit 8 Int.
- **Class 2835** Recycled Clothing Unit 8 Sr.

Exhibit will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction page.
   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 Clothing Construction e-Record.

D. One garment or outfit which illustrates what was learned. Garment must contain fabric and be sewn.

E. Project evaluated on quality of construction techniques, creativity of adaption (75 percent) and completed e-record (25 percent).

**ADVANCED CLOTHING CONSTRUCTION**

Garments should demonstrate sewing skills beyond STEAM Clothing 2, for example: rolled hems, invisible zippers, tailoring techniques, etc.

**CLOTHING STEAM 3 COTTON**

- **Class 2836** Cotton or Cotton Blend Int.
- **Class 2837** Cotton or Cotton Blend Sr.

Exhibit will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction e-Record on the Expense page.

C. Include in the following information on the Clothing Construction page.
   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 (fashion fabric must be attached – no photos). 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 Clothing Construction e-Record.

E. A garment or outfit of fabric containing a majority of 50-100 percent cotton.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CLOTHING STEAM 3 SYNTHETICS/RAYON

Class 2838 Synthetics and Rayon Int.
Class 2839 Synthetics and Rayon Sr.

Exhibit will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction e-Record on the Expense page.

C. Include in the following information on the Clothing Construction page.
   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 (fashion fabric must be attached - no photos). 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 Clothing Construction e-Record.

E. One garment or outfit of fabric containing 50-100 percent of wool and wool-blend fibers.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CLOTHING STEAM 3 SILK, SILK-LIKE

Class 2842 Silk and Silk-Like Int.
Class 2843 Silk and Silk-Like Sr.

Exhibit will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction e-Record on the Expense page.

C. Include in the following information on the Clothing Construction page.
   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 (fashion fabric must be attached - no photos). 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 Clothing Construction e-Record.

E. One garment or outfit of fabric containing 50-100 percent of synthetic fibers.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
CLOTHING STEAM 3 SPECIALTY FABRICS-
Leather, Fur, Linen, Ramie, Hemp, Sequined,
Beaded, etc.

Class 2844  Specialty Fabrics  Int.
Class 2845  Specialty Fabrics  Sr.

Exhibit will consist of the following:

A. Completed Clothing Construction 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 Clothing Construction e-Record on the Expense page.

C. Include in the following information on the Clothing Construction page.
   5. List of all garments made
   6. Percent of fiber content of each garment
   7. Care of garment exhibited
   8. Textile experiments—complete one experiment using garment fashion fabric (fashion fabric must be attached – no photos). 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 Clothing Construction e-Record.

E. One garment or outfit using a specialty fabric such as sequined, beaded, fleece, leather, linen, etc.

F. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.
**ARTISTIC CLOTHING**

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

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. E-records—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 Extension offices.

**DECORATE YOUR DUDS—APPLIED**

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 2901</td>
<td>Applied</td>
<td>Jr.</td>
</tr>
<tr>
<td>Class 2902</td>
<td>Applied</td>
<td>Int.</td>
</tr>
<tr>
<td>Class 2903</td>
<td>Applied</td>
<td>Sr.</td>
</tr>
</tbody>
</table>

Exhibit will consist of the following:

A. Completed Artistic Clothing 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 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 Artistic Clothing page.

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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**DECORATE YOUR DUDS—COMBINATION**

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<td>Class 2909</td>
<td>Combination</td>
<td>Sr.</td>
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</table>

Exhibit will consist of the following:

A. Completed Artistic Clothing 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 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 Artistic Clothing page.
   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.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

CREATIVE SEWING—UNIT 5

Class 2910  Costumes  Jr.
Class 2911  Costumes  Int.
Class 2912  Costumes  Sr.
Class 2913  All Other Exhibits  Jr.
Class 2914  All Other Exhibits  Int.
Class 2915  All Other Exhibits  Sr.

Exhibit will consist of the following:

A. Completed Artistic Clothing 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, and how the item will be used. If a pattern was used, please include the pattern instruction sheet.

B. Include the following information on the Artistic Clothing page.
   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.).

D. Project will be evaluated on creativity used in making your exhibit (45 percent), the quality of construction (30 percent) and completed e-record (25 percent).

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

CREATE YOUR OWN—UNIT 7

Class 2916  Create Your Own  Int.
Class 2917  Create Your Own  Sr.

Exploration of Textiles and Clothing

Exhibit will consist of the following:

A. Completed Artistic Clothing 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, and how the item will be used.

B. Include the following information on the Artistic Clothing page.
   1. Written description of your project:
      a. goals
      b. plans
      c. accomplishments
      d. evaluation

C. Optional: Constructed article or display related to special study. The standardized display board size is 4’ x 3’.

D. Project will be evaluated on the quality of content from completed e-record and written description (50 percent), quality of construction for the item or quality of display board (50 percent).

BUYMANSHP—UNIT 8

Class 2918  Buymanship  Int.
Class 2919  Buymanship  Sr.

Exhibit will consist of the following:

A. Completed Buymanship Clothing 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. Two (2) activities are to be included in your e-record. Choose from the following:
   Self-assessment (Getting to Know Myself)
   Wardrobe Inventory
   Clothing Plan of Action
   Selecting Becoming Colors

C. One completed outfit, which may include belts and scarves. No other accessories allowed. The exhibit needs to be neat, clean and pressed: ready for display.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects: www.colorado4h.org/project_resources/StateFairExhibitRe q.pdf - look under Display Hints and Tips and Project Tips.
FOODS AND NUTRITION

Note: Please read 4-H Project Exhibit Rules on page 4.
Project Exhibit Rules
1. With these new foods manuals, a member may stay in the manuals for up to three years. It is recommended that members should start with Cooking 101 and then go on to Cooking 201 to learn basic food preparation skills before taking the more advanced units.
2. Include a copy of the recipe used and attach securely to the e-Record. No commercial mixes are to be used.
3. 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. Food items should be covered securely.
4. Only completed e-Records and canned goods will be returned.
5. If recipe in manual is used, may need to adjust for high altitude.
6. 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.
7. Members may exhibit in one or all classes from the unit that they are enrolled in. Each exhibit will need an e-record.
8. Bacon is not acceptable in baked goods because the heat during the cooking process might not penetrate the meat thoroughly enough. Large pieces or chunks of cheese or a large proportion on or in recipes is not acceptable either.
9. For those members who are exhibiting more than one item in a unit, they may copy their e-record. Each exhibit must have an e-record. Be sure to highlight what you are exhibiting in your e-record.

COOKING 101 UNIT 1 Exhibits
All exhibits will consist of the following:
A. Completed e-Record with exhibit item recipe presented in a sturdy binder/notebook.
B. Include the following information on the Foods and Nutrition page:
   1. Foods prepared
   2. Number of times
   3. Special Concerns
C. Documentation of two completed learning activities from the manual in the record book.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Members can exhibit in one or more of the following classes:
Class 3001 No Bake Bars/Cookies Jr.
Class 3002 No Bake Bars/Cookies Int.
Class 3003 No Bake Bars/Cookies Sr.
E. Four no bake cookies or bars of one recipe that is no-bake or made using stovetop or microwave.

Class 3004 Coffeecake Jr.
Class 3005 Coffeecake Int.
Class 3006 Coffeecake Sr.
E. One non-yeast coffee cake

Class 3007 Cookies Jr.
Class 3008 Cookies Int.
Class 3009 Cookies Sr.
E. 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).

COOKING 201 UNIT 2 Exhibits
All exhibits 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. Include the following information on the Foods and Nutrition page:
   1. Foods prepared
   2. Number of times
   3. Special Concerns
C. Documentation of one completed learning activity on food safety and one on cooking basics. These can be a demonstration, written reports or displays.
D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Members can exhibit in one or more of the following classes:
Class 3010 Quick Breads Jr.
Class 3011 Quick Breads Int.
Class 3012 Quick Breads Sr.
E. One loaf quick bread any size (Not yeast bread)

Class 3013 Scones Jr.
Class 3014 Scones Int.
Class 3015 Scones Sr.
E. Four scones of one recipe.
Class 3016  Muffins  Jr.
Class 3017  Muffins  Int.
Class 3018  Muffins  Sr.

E. Four muffins of one recipe.

**COOKING 301 UNIT 3 Exhibits**

All exhibits 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. Include the following information on the Foods and Nutrition page:
   1. Foods prepared
   2. Number of times
   3. Special Concerns

C. Documentation of one completed food science experiment from the manual in the e-record.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Members can exhibit in one or more of the following classes:**

Class 3019  Shortened Cakes  Jr.
Class 3020  Shortened Cakes  Int.
Class 3021  Shortened Cakes  Sr.

E. One shortened cake without frosting

Class 3022  Yeast Rolls  Jr.
Class 3023  Yeast Rolls  Int.
Class 3024  Yeast Rolls  Sr.

E. Four kneaded yeast rolls of one variety and shape.

Class 3025  Creative Yeast Bread  Jr.
Class 3026  Creative Yeast Bread  Int.
Class 3027  Creative Yeast Bread  Sr.

E. One recipe creative yeast bread, i.e. French bread, braided bread, other specialty bread.

Class 3028  Party Planning  Jr.
Class 3029  Party Planning  Int.
Class 3030  Party Planning  Sr.

E. Creative exhibit (notebook) illustrating party planned by member, including theme, timeline and menu that includes one or more home-prepared foods.

**COOKING 401 UNIT 4 Exhibits**

All exhibits 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. Include the following information on the Foods and Nutrition page:
   1. Foods prepared
   2. Number of times
   3. Special Concerns

C. Documentation of one completed food science experiment from the manual in the e-record.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Members can exhibit in one or more of the following classes:**

Class 3031  Flatbread  Jr.
Class 3032  Flatbread  Int.
Class 3033  Flatbread  Sr.

E. Four flatbreads of one variety and shape

Class 3034  Double Crust Pie  Jr.
Class 3035  Double Crust Pie  Int.
Class 3036  Double Crust Pie  Sr.

E. One 8” x 9” double-crust fruit pie made with homemade fruit filling in a disposable pie tin. No canned fruit fillings.

Class 3037  Celebration Meals  Jr.
Class 3038  Celebration Meals  Int.
Class 3039  Celebrations Meals  Sr.

E. Creative exhibit (notebook) illustrating celebration meals planned by member, including budget, timeline, and menu that includes two or more homemade prepared foods.

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 COOKING AND LIVING—UNIT 25**

Class 3040  Outdoor Cooking and Living  Jr.
Class 3041  Outdoor Cooking and Living  Int.
Class 3042  Outdoor Cooking and Living  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. Include the following information on the Foods and Nutrition page:
   1. Foods prepared
   2. Location
   3. Number of times
   4. Special Concerns

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 piece of equipment made by the exhibitor (no larger than 3’ x 3’ x 3’). If exhibit is larger than these dimensions, a notebook with how and what was made can be used as the exhibit.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

### CULTURAL FOODS—UNIT 30

Class 3043 Cultural Foods Int.
Class 3044 Cultural Foods 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 accomplishments presented in a sturdy binder/notebook.

B. Include the following information on the Foods and Nutrition page:
   1. Foods prepared
   2. Number of times
   3. Special Concerns

C. A food product with recipe representative of the cultural or ethnic group within the United States that you selected.

D. Exhibit will be evaluated on the quality of content in the e-record and research of selected country (50 percent) and the quality of the food product (50 percent).

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

### PASSPORT TO FOREIGN COOKERY—UNIT 35

Class 3045 Passport to Foreign Cookery Int.
Class 3046 Passport to Foreign Cookery 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, percentage 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. Include the following information on the Foods and Nutrition page:
   1. Foods prepared
   2. Number of times
   3. Special Concerns

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

D. Exhibit will be evaluated on the quality of content in the e-record and research of selected country (50 percent) and the quality of the food product (50 percent).

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

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

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, any additional ingredients added) as applies to product canned
   c. Method of processing (i.e., pressure canner, water bath) and pounds of pressure used if food was pressure canned
   d. Elevation at which processing was done
   e. Exact processing time
   f. Date processed

Examples:

PEACHES      GREEN BEANS
ascorbic acid dip hot pack, ½ tsp salt
hot pack-thin syrup pressure canned at
boiling water bath canned 12 ½ pounds
35 minutes at 25 minutes at
5,000 feet  5,000 feet
September 2016 July 2017

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 hot pack, ½ tsp salt
dehydrator-dried, 8 hours pressure canned at
July 2017

4. Standard canning jars must be used for all canned exhibits. (The brand name, Ball or Kerr, imprinted on the side of the jar identifies a standard jar.) All jars must have new two-piece lids. Re-useable lids and one-piece lids are not allowed. 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.

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.

FREEZING AND DRYING—UNITS 40 & 41

Class 3101 Boiling Water Canning Jr.
Class 3102 Boiling Water Canning Int.
Class 3103 Boiling Water Canning Sr.

Exhibit will consist of the following:

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

B. Include the following information on the Food Preservation page:
   1. Date
   2. Name of product
   3. Amount
   4. Preparation Method
   5. 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.

D. A copy of the recipe must be attached to ensure that the product is safe.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

BOILING WATER CANNING—UNIT 42

Class 3104 Boiling Water Canning Jr.
Class 3105 Boiling Water Canning Int.
Class 3106 Boiling Water Canning Sr.

Exhibit will consist of the following:

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

B. Include the following information on the Food Preservation page:
   1. Date
   2. Name of product
   3. Amount
   4. Preparation Method
   5. Preservation or processing method used

C. Any three of the following:
   1. Two jars of canned fruits (different kind of fruit in each jar)
   2. One jar of canned fruit and one jar of canned vegetables
   3. One jar of tomato sauce
   4. One jar of pickled fruit or vegetable, including chutney
   5. Two jars of jelly (both must be the same product)
6. Two jars of jam, conserves, fruit butters, preserves, and marmalades (both must be the same product)

7. One jar of pickled relish or salsa

D. A copy of the recipe must be attached to ensure that the product is safe.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

PRESSURE CANNING—UNIT 43

Class 3107 Pressure Canning Int.
Class 3108 Pressure Canning Sr.

Exhibit will consist of the following:

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

B. Include the following information on the Food Preservation page:
   1. Date
   2. Name of product
   3. Amount
   4. Preparation Method
   5. Preservation or processing method used.

C. Three of the following:
   1. One jar of canned vegetables
   2. One jar of spaghetti sauce without meat
   3. One jar of canned dried beans
   4. One jar of tomato sauce
   5. One jar of canned meat
   6. One jar of canned meat sauces (example: spaghetti sauce with meat, chile con carne)

D. A copy of the recipe must be attached to ensure that the product is safe.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Note: For more information on displays and projects:

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**HERITAGE ARTS**

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

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. Quilts do have size requirements.

6. All workmanship in Heritage Arts projects must be done by the member. All piecing and quilting must be done by the member.

7. Miscellaneous Fiber Arts classes will include Spinning, Weaving, Ethnic Arts, Rug Making and Macramé.

Note: All exhibits are limited to those that use fiber or fabrics, with the exception of Miscellaneous Heritage Arts—Non Fiber.

**CROCHET**

Class 3201 Crochet Jr.
Class 3202 Crochet Int.
Class 3203 Crochet Sr.

Exhibit will consist of the following:

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

B. Include the following information on the Heritage Arts page.

1. Brief history report about the specific craft you selected:
   a. Where did it begin?
   b. How did it start?

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

3. Include the gauge used on your item.

4. If a pattern was used, secure a copy of the pattern to the e-record.

C. One piece or set of up to three coordinated pieces illustrating skills learned.

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**MISCELLANEOUS HERITAGE ARTS—FIBER**

(Weaving, Spun skeins, Felted bags, Batiked fabric, hooked pillows, Navaho rugs, Macramé, etc.)

Class 3204 Fiber Arts Jr.
Class 3205 Fiber Arts Int.
Class 3206 Fiber Arts Sr.

Exhibit will consist of the following:

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

B. Include the following information on the Heritage Arts page.

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

3. If pattern was used, secure a copy of the pattern to the e-record.

C. One piece or set of up to three coordinated pieces illustrating skills learned. Can be ethnic-specific to a culture, country, or region. (Example: weavings, spun skeins, felted bags, batiked fabric, hooked pillows, Navaho rug, etc.)

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**MISCELLANEOUS HERITAGE ARTS—NON FIBER**

(Native American beading, silver smithing, Ukrainian eggs, paper scrolling, wood carvings, etc.)

Class 3207 Non Fiber Arts Jr.
Class 3208 Non Fiber Arts Int.
Class 3209 Non Fiber Arts Sr.

Exhibit will consist of the following:
A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.
   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
   3. If a pattern was used, secure a copy of the pattern to the e-Record.
   4. Include the gauge used on your item.
   5. If a pattern was used, secure a copy of the pattern to the e-Record.

C. One piece or a set of up to three coordinated pieces, with no yarn or fabric, illustrating skills learned. Can be ethnic-specific to a culture, country or region. Examples: Native American beading, silver smithing, Ukrainian eggs, paper scrolling, wood carving, etc.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

**KNITTING**

Class 3210  Knitting  Jr.
Class 3211  Knitting  Int.
Class 3212  Knitting  Sr.

Exhibit will consist of the following:
A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.
B. Include the following information on the Heritage Arts page.
   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
   3. If pattern was used, secure a copy of the pattern to the e-Record.
   4. Include the stitches per inch on your item.
   5. If a pattern was used, secure a copy of the pattern to the e-Record.

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

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

**NEEDLE ARTS**

Class 3213  Needle Arts  Jr.
Class 3214  Needle Arts  Int.
Class 3215  Needle Arts  Sr.

Exhibit will consist of the following:
A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.
B. Include the following information on the Heritage Arts page.
   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
   3. If pattern was used, secure a copy of the pattern to the e-Record.
   4. Include the stitches per inch on your item.
   5. If a pattern was used, secure a copy of the pattern to the e-Record.

C. One finished item illustrating what was learned.
   Items should include one of the following:
   1. Simple pieced quilt
   2. Pillow sham
   3. Two placemats or a table runner
   4. Wall hanging
   5. Unlined bag

D. Exhibited items must be quilted – hand, machined or tied.
E. No separate binding should be used. Items should be finished using a roll-over/self binding or an envelope turn.

**QUILTING UNIT 1**

Class 3216  Quilting Unit 1  Jr.
Class 3217  Quilting Unit 1  Int.
Class 3218  Quilting Unit 1  Sr.

Exhibit will consist of the following:
A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.
B. Include the following information on the Heritage Arts page.
   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
   3. Include the stitches per inch on your item.
   4. If a pattern was used, secure a copy of the pattern to the e-Record.

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

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).
F. The exhibit should not use advanced quilting techniques used in higher units. Examples of advanced skills are: paper or curved piecing, fussy cutting, and appliqué.

G. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**QUILTING UNIT 2**

Class 3219  Quilting Unit 2 Jr.
Class 3220  Quilting Unit 2 Int.
Class 3221  Quilting Unit 2 Sr.

Exhibit will consist of the following:

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

B. Include the following information on the Heritage Arts page.
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

3. Include the stitches per inch on your item.
4. Include the skills (at least three) that you learned and used in your quilt.
5. If a pattern was used, secure a copy of the pattern to the e-record.

C. One finished item illustrating what was learned. Items should include one of the following:
1. One finished quilt (no minimum or maximum size). Quilt should demonstrate at least three advanced skills learned (examples include but not limited to use of templates, circles and curves piecing, Y-seams, applique, foundation piecing, mitered corners and challenging fabrics).

2. A set of up to three coordinated pieces illustrating at least three advanced skills (examples include but not limited to use of templates, circles and curves piecing, Y-seams, applique, foundation piecing, mitered corners and advanced edging, embellishments, and challenging fabrics).

D. Exhibited items can be hand or machine quilted/stitched, tied or a combination if it fits the design of the quilt.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**QUILTING UNIT 4**

Class 3225  Quilting Unit 4-Original Design Jr.
Class 3226  Quilting Unit 4-Original Design Int.
Class 3227  Quilting Unit 4-Original Design Sr.

Exhibit will consist of the following:

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

B. Include the following information on the Heritage Arts page.
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
3. Include the stitches per inch on your item.
4. Include the following:
   a. Picture, sketch or description of inspiration.
   b. Any sketches, drafts, computer generated designs or blocks.
   c. Calculations, measurements and any adaptations or changes.
   d. Process or steps descriptions

C. One finished item illustrating the original design. Item can have traditional or artistic design. Items could include one of the following:
   1. Quilt for bed, wall, table or other display (no minimum or maximum size)
   2. Wearable garment

D. Exhibit item must be hand or machine quilted/stitched, tied, or a combination if it fits the design of the quilt.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
HOME ENVIRONMENT

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

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

UNITS 1 and 2, Home Environment

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.

UNITS 1 and 2, Home Environment

A. Completed Home Environment 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 Home Environment page.
   1. Provide pictures of other recycled items made during your project (a minimum of at least 2 photos). These are in addition to the photo required in the e-record.

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

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

HOME ENVIRONMENT—UNIT 3

Class 3307 Home Environment Unit 3 Jr.
Class 3308 Home Environment Unit 3 Int.
Class 3309 Home Environment Unit 3 Sr.

Exhibit will consist of the following:

A. Completed Home Environment 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 Home Environment page.
   1. Provide pictures of other recycled items made during your project (a minimum of at least 2 photos). These are in addition to the photo required in the e-record.

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

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
items you made and what recycled or reusable items you used this year.

B. Include the following information on the Home Environment page.
   1. Two or more exhibit photos showing item in place where it will be used and as a part of the total room design. These are in addition to the photos required in the e-record.
   2. A statement on how you improved your family’s safety or a family escape plan.

C. One item or set from the following:
   1. A room design
   2. A wall hanging 3’ x 2’
   3. One or set of two decorative pillow(s)
   4. Table linen
   5. Family escape plan

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

HOME ENVIRONMENT—UNIT 4
Class 3310  Home Environment Unit 4  Jr.
Class 3311  Home Environment Unit 4  Int.
Class 3312  Home Environment Unit 4  Sr.

Exhibit will consist of the following:
A. Completed Home Environment 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 Home Environment page.
   1. Provide pictures of other items made, refurbished or purchased during your project (a minimum of at least 2 photos). These are in addition to the photos required in the e-record.
   2. Attach up to three photos showing exhibit item(s) in use. These are in addition to the photos required in the e-record.

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

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

HOME ENVIRONMENT—UNIT 5
Class 3313  Home Environment Unit 5  Jr.
Class 3314  Home Environment Unit 5  Int.
Class 3315  Home Environment Unit 5  Sr.

Exhibit will consist of the following:
A. Completed Home Environment 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 Home Environment page.
   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.
   3. Attach up to 4 photos showing exhibit item(s) in use. These are in addition to the photos required in e-record.

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

D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

HOME ENVIRONMENT—UNIT 6
Class 3316  Home Environment Unit 6  Jr.
Class 3317  Home Environment Unit 6  Int.
Class 3318  Home Environment Unit 6  Sr.

Exhibit will consist of the following:
A. Completed Home Environment 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. Provide a brief description of how the piece fits into the room design.

C. 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.

D. Include the following information on the Home Environment page.
   1. Attach pictures showing the original piece, one during the refinishing or refurbishing process, and one of the completed pieces. These photos are in addition to the photos required in the e-record.

E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
DESIGN YOUR OWN—UNIT 7

Class 3319  Design Your Own Unit 7     Sr.

Exhibit will consist of the following:

A. Completed Home Environment e-Record emphasizing your plan and accomplishments in your story presented in a sturdy binder/notebook.

B. Exhibit can either be an item, an article, a display board or a notebook representing what you have learned in your project.

C. Home Environment e-record must include the following information:

1. Written statement including the following information:
   a. goals
   b. plan
   c. accomplishments
   d. resources used
   e. how you shared with others
   f. how you will evaluate whether you reached your goals
   g. evaluation of your project.

2. If exhibiting an item or article:
   A drawing or copy of a plan for the article exhibited must be included in the Home Environment e-Record. The drawing does not have to be original or created by the exhibitor. The drawing or plan must include dimensions, a list of materials used, and a description of any changes made in the article’s specification by the exhibitor. 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. The standardized display board size of 4’ x 3’ is to be used with 4-H projects.

D. Project will be evaluated on development of a plan, goals, accomplishments and evaluation and completion of e-record (50 percent), the quality of construction or educational value of exhibit (50 percent).
SECTION 7- Product Sale

BOULDER COUNTY 2017 4-H PRODUCTS SALE RULES

The Boulder County 4-H Judges’ Choice Products Sale will be held in the Fair Garden on the Outdoor Stage near the flagpoles on the South side of the Exhibit Building at the Boulder County Fairgrounds on, Saturday Aug. 5, 2017 starting at 11:00 a.m.

1. The 4-H members eligible to sell products at the Boulder County 4-H Judges’ Choice Products Sale will be selected by Boulder County Fair judges as the Judges’ Choice in the category being evaluated. The judges may select up to three potential entries in each category. The second and third choice will serve as alternates.

2. Only one product from each category will be eligible to be sold at the Boulder County 4-H Judges’ Choice Products Sale.

3. Any 4-H member may sell only one product in the sale.

4. The 4-H member must be present at the product sale to market and sell their product.

5. Sale order will be determined by a drawing prior to the sale.

6. If the 4-H member also has a market animal for sale, participation in the Product Sale will not exclude them for the Livestock Auction.

7. All 4-H members selling a product must turn the Sale Intent Form into the Boulder County 4-H Judges’ Choice Products Sale Committee no later than 12:00 PM. Wednesday, August 2, 2017.

8. Any 4-H member withdrawing a product from sale after being designated on the sale intent form will forfeit sale privileges for the following year.

9. Buyer names and addresses will be available from Fair Office or Extension Office the afternoon of Monday, Aug. 14, 2017.

10. Payment will be made when an original “thank you letter” addressed to each buyer is delivered to the Fair Office and when checks become available, but no later than August 31, 2017 (with postage, and return address on envelope). Checks will not be released until an original thank you note is turned into the Fair Office.

11. Failure of a 4-H member to submit a hand-delivered thank you letter to the Boulder County Fair Office by August 31, 2017 will result in a forfeiture of the proceeds from the sale.
BOULDER COUNTY 2017 4-H PRODUCTS SALE CLASSES

Judges’ Choice Plate of No Bake Bars or Cookies/Coffeecake/Cookies:
Judges’ Choice is selected by the judge during interview judging. The selected (winning) item chosen for the product sale must be made fresh by the 4-H member. Judges’ Choice is made from exhibitors enrolled in the following project:
**Cooking 101 Unit 1**

Judges’ Choice Plate of Quick Breads/Scones/Muffins:
Judges’ Choice is selected by the judge during interview judging. The selected (winning) item chosen for the product sale must be made fresh by the 4-H member. Judges’ Choice is made from exhibitors enrolled in the following projects:
**Cooking 201 Unit 2**

Judges’ Choice Shortened Cakes/Yeast Rolls/Creative Yeast Bread:
Judges’ Choice is selected by the judge during interview judging. The selected (winning) item chosen for the product sale must be made fresh by the 4-H member. Judges’ Choice is made from exhibitors enrolled in the following projects:
**Cooking 301 Unit 3**

Judges’ Choice Flatbread/Double Crust Pie:
Judges’ Choice is selected by the judge during interview judging. The selected (winning) item chosen for the product sale must be made fresh by the 4-H member. Judges’ Choice is made from exhibitors enrolled in the following project:
**Cooking 401 Unit 4**

Judges’ Choice Food Preservation:
The items to be sold are unopened products prepared by the youth selected by the judges during interview judging. The product for the sale should be the same products judged or similar. For example the sale product may be a basket of the youths canned / preserved goods with the judges’ choice product being among them. 4-H member selected from exhibitors enrolled in one of the following projects:
**Food Preservation – Units 40, 41, 42, and 43**

Judges’ Choice Decorated Cake:
The item to be sold is a new product prepared with an edible cake (No forms allowed) for the sale by the youth selected by the judges during interview judging. 4-H member selected from exhibitors enrolled in one of the following projects:
**Department Consumer Science: Cae Decorating - Units 1-6**

Judges’ Choice Fiber Product:
The 4-H member MUST be enrolled in specific 4-H project(s) to sell a fiber product, and must have a project animal that is eligible. Projects included are: Fiber Goat; Breeding Sheep; Breeding Rabbit (Fiber), Alpaca, Llama & Dog. The product for the sale may be the chosen fleece or a fleece from another project animal from this exhibitor. The member may include any natural fiber related products. For example for the auction any raw wool, processed wool, spun yarn, a made article, or a combination may accompany a fleece. The fleece chosen for the Judges choice product will be chosen from entries in Department 162 (Open Fleece Show): Youth Classes 21-40.

Judges’ Choice Best Photo:
The product for the sale will be an 8 X 10 print or enlargement of the judge’s choice selection of the “Best Photo” 4-H member selected from class contest exhibitors. 4-H member selected from exhibitors enrolled in the following project or contest: Photography Project Units 1-6 or Colorado 4-H Photo Contest – Best Photo,

Judges’ Choice Goat Milk Product:
The product for the sale may be milk from the project dairy goat (if pasteurized). Alternately the member may substitute a goat milk product, for the sale. 4-H member selected from exhibitors enrolled in project Dairy Goats.

Judges’ Choice Dozen Eggs:
The product for the sale will be a dozen eggs from the exhibitor’s project of egg production hens, which may include eggs from the Judges Choice Pen of Hens. 4-H member selected from exhibitors enrolled in project Breeding Poultry.
SECTION 8 Boulder County Projects

POCKET PETS**
COUNTY PROJECT
NOT eligible for State Fair competition.

POCKET PALS
Class 4001 Unit 1 – Junior
Class 4002 Unit 1 – Intermediate
Class 4003 Unit 1 – Senior

SCURRY AHEAD
Class 4004 Unit 1 – Junior
Class 4005 Unit 1 – Intermediate
Class 4006 Unit 1 – Senior

SCALING THE HEIGHTS
Class 4007 Unit 1 – Junior
Class 4008 Unit 1 – Intermediate
Class 4009 Unit 1 – Senior

All exhibits will consist of the following:
A. Completed record, including story of what was learned in project.
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. No additional items may be included on or in front of display board.
C. Members may bring caged animals with them to interview (optional).

MODEL CRAFT**
COUNTY PROJECT
NOT eligible for State Fair competition.

Rules:
1. Note: Any oversized projects must obtain prior approval from 4-H Extension Office.
2. There are 7 units in Modelcraft: Unit 1 is limited to Snap Together Models only and is restricted to participation by age of exhibitor.
3. Exhibitor may exhibit no more than one entry per unit; but may enter exhibits in as many units as you wish.
4. Modelcraft entry must be displayed on a base that is no more than 2 times the length, width, and height of your model.
5. The base should be of solid composition at least 1/8” thick. Cardboard is not acceptable.
6. The skill level of your model must be identified and displayed on the base. When creating dioramas, older models may be used as accents for creating various effects.
7. Assembly instructions for your model must accompany your record sheet.

CLASS #17: SNAP TOGETHER MODELS UNIT 1 (Skill Level 1)
Class 4010 Unit 1 – Junior

Class 4011 Unit 1 – Intermediate
All exhibits will consist of the following:
A. Completed record book.
B. Model from kit or Lego’s building blocks.
C. Label with name, address, age, and county.

GLUED MODELS UNIT 2 (Skill Level 2 – 3)
Class 4012 – Junior
Class 4013 – Intermediate
Class 4014 – Senior
All exhibits will consist of the following:
A. Completed record book.
B. Any model skill level 2 or 3.
C. Requires the use of cement in its construction.
D. Label with name, address, age, and county.

BASIC USE OF DIORAMA UNIT 3
Class 4015 – Junior
Class 4016 – Intermediate
Class 4017 – Senior
All exhibits will consist of the following:
A. Completed record book.
B. A scenic representation with model figures and a realistic painted background.
C. Models from Unit 2 may be used in this unit as accents.
D. Label with name, address, age, and county.

ADVANCED USE OF DIORAMA UNIT 4
Class 4018 – Junior
Class 4019 – Intermediate
Class 4020 – Senior
All exhibits will consist of the following:
A. Completed record book.
B. Models from Units 2 & 3 may be used showing detailed sketch, blueprint, or photos charting progress of the model.
C. Be able to explain changes made to the display of the model with more advanced uses of dioramas.
D. Label with name, address, age, and county.

DIE CAST MODELS IN DIORAMA UNIT 5
Class 4021 – Junior
Class 4022 – Intermediate
Class 4023 – Senior
All exhibits will consist of the following:
A. Completed record book.
B. Die cast -- shaped or stamped figures and models.
C. Dioramas created using die cast models and figures.
D. Label with name, address, age, and county.

WOODEN PRECUT MODELS IN DIORAMA UNIT 6
Class 4024 – Junior
Class 4025 – Intermediate
Class 4026 – Senior
All exhibits will consist of the following:
A. Completed record book.
B. Diorama created using wooden, pre-cut models.
C. Label with name, address, age, and county.
POWERED MODELS UNIT 7
Class 4027 – Junior
Class 4028 – Intermediate
Class 4029 – Senior

All exhibits will consist of the following:
A. Completed record book.
B. Models for this unit must be of the powered type with moveable parts.
C. Rubber band or rocket powered type models ARE NOT PERMITTED.
D. Label with name, address, age, and county.

A. Project is completion of the dance record book and 5X7 photograph from the current dance year. Photo must be 5X7 with an 8X10 matte. Smaller and larger photos and mattes, and framed photos will not be accepted. Mattes may be decorated if desired. The matted photo is required as part of the project.
B. Photograph can be of practice, a team building event, Challenge Day etc.
C. Record Books and Photo must be completed and submitted to the Boulder County Fair to be eligible to compete in the Colorado State Fair Performing Arts Competition.

SELF DETERMINED
COUNTY PROJECT: NOT eligible for State Fair competition.

SELF DETERMINED**
Class 4030 Self Determined – Junior
Class 4031 Self Determined – Intermediate
Class 4032 Self Determined – Senior

Exhibit will consist of the following:
A. A written description of your project including your goals, action plan, accomplishments, and your evaluation of the results.
B. You may include pictures and records you have kept to provide evidence of your accomplishment.
C. If an article is made as part of the project, you may display it. Otherwise, use a display board showing and explaining what you have learned in the project. 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.
D. Be sure to include your name, age, address, and 4-H club on your article.
E. A member MUST submit a completed record book. See your member’s guide for suggestions.

DANCE
COUNTY PROJECT
NOT eligible for State Fair competition.

CLASS #1: DANCE
Class 4033 – Junior
Class 4034 – Intermediate
Class 4035 – Senior

All exhibits will consist of the following:

CREATIVE ARTS
COUNTY PROJECT
NOT eligible for State Fair competition.

RULES:
1. 4-H’ers may exhibit in no more than three Creative Arts units in any one year and only one project per unit.
2. Exhibit will consist of completed records and article characteristic of the unit. See manual (revised 2013) for additional exhibit requirements, i.e. mounting, size requirements, etc.) All Exhibits must have name, age, and 4-H club name.
3. Craft kits are NOT acceptable for scrapcraft or writing.
4. If kits are used the pattern and/or instructions from the kit MUST be included with the record.
5. All framed projects should be ready for hanging. NOTE: All ceramic doll projects will be judged in the Ceramics Department, NOT in the Creative Arts Department. All ceramic dolls will be placed in units according to the techniques used.
**TOLE PAINTING, ETCHING, OR DRAWING**  
Class 4036 – Junior  
Class 4037 – Intermediate  
Class 4038 – Senior  

All exhibits will consist of the following:  
A. Completed records.  
B. An article that has been tole painted or etched, one framed or matted picture, a decorated item, or sketch tablet with compiled work. NO LOOSE PAGES PLEASE. In this Unit kits are NOT acceptable.

**WOODCARVING**  
Class 4039 – Junior  
Class 4040 – Intermediate  
Class 4041 – Senior  

All exhibits will consist of the following:  
A. Completed records.  
B. An article that has been carved from wood.

**MINIATURES-DOLLS, DOLL HOUSES, DISPLAYS, AND DISPLAY ITEMS**  
Class 4042 – Junior  
Class 4043 – Intermediate  
Class 4044 – Senior  

All exhibits will consist of the following:  
A. Completed records.  
B. Any handmade miniature article displayed appropriately, i.e. mounted on a board secured in a box or dome etc. Size must be limited to on larger than 3’ x 2’. *(Porcelain or ceramic doll craft must be entered under ceramics as a state project.)*

**MISC. DOLL CRAFT, CLOTH ANIMAL, & CHARACTER CRAFTS**  
Class 4045 – Junior  
Class 4046 – Intermediate  
Class 4047 – Senior  

All exhibits will consist of the following:  
A. Completed records.  
B. One completed Doll, Cloth Animal, or Character Craft, made from material such as cloth, yarn, cornhusks, apples, wood etc. May also include doll clothes.

**FLOWER ARRANGEMENT**  
Class 4048 – Junior  
Class 4049 – Intermediate  
Class 4050 – Senior  

All exhibits will consist of the following:  
A. Completed records.  
B. One completed Floral arrangement. Dried or fresh flowers, weeds, and filler are acceptable. Absolutely no fresh flowers or plants may be used.

**JEWELRY**  
Class 4051 – Junior  
Class 4052 – Intermediate  
Class 4053 – Senior  

All exhibits will consist of the following:  
A. Completed records  
B. Any jewelry making method to make any item of jewelry. No loose jewelry.

**PAPER CRAFTS**  
Class 4054 – Junior  
Class 4055 – Intermediate  
Class 4056 – Senior  

All exhibits will consist of the following:  
A. Completed records  
B. Quilling, decoupage, paper tole, collage, origami, paper maché, embossed, handmade paper, etc.

**STENCILING**  
Class 4057 – Junior  
Class 4058 – Intermediate  
Class 4059 – Senior  

All exhibits will consist of the following:  
A. Completed records.  
B. Any process of stenciling on any material.

**FOLK ART**  
Class 4060 – Junior  
Class 4061 – Intermediate  
Class 4062 – Senior  

All exhibits will consist of the following:  
A. Completed records  
B. Any baskets, braided rugs, primitive folk crafts, etc. made from wood, fabric, or natural resources preserving the traditional art style.

**SCRAP CRAFTS**  
Class 4063 – Junior  
Class 4064 – Intermediate  
Class 4065 – Senior  

All exhibits will consist of the following:  
A. Completed records  
B. Items made from “throw away” or “find it free” items, in which the total cost, should not exceed $1.00. Kits are not acceptable.

**HOLIDAY DECORATIONS**  
Class 4066 – Junior  
Class 4067 – Intermediate  
Class 4068 – Senior  

All exhibits will consist of the following:  
A. Completed records  
B. Any item designed to enhance a holiday season. Must include a visible label with the holiday and country of origin that is represented. In this unit kits are not acceptable.

**WRITING**  
Class 4069 – Junior  
Class 4070 – Intermediate  
Class 4071 – Senior
All exhibits will consist of the following:
A. Completed records
B. Short story, poetry, creative journalism, etc. Kits are not acceptable.

FRUIT & VEGGIE ART
Class 4072 – Junior
Class 4073 – Intermediate
Class 4074 – Senior

All exhibits will consist of the following:
Completed records.
ONE completed piece of art and a matted picture to display the art. (The matted picture will be displayed during fair instead of the actual project. However, the project must be present for judging.)

PHOTO CRAFTS
Class 4075 – Junior
Class 4076 – Intermediate
Class 4077 – Senior

All exhibits will consist of the following:
A. Completed records
B. ONE completed photo craft item. (A kit may be used for this project. Make sure the kit instructions are included with your record book.)

SIMPLE SCIENCE
Class 4078 – Junior
Class 4079 – Intermediate
Class 4080 – Senior

All exhibits will consist of the following:
A. Completed records
B. ONE completed poster board showing what you learned and a picture and/or project to display. Intermediates and Senior should also show the scientific method.

MISCELLANEOUS
Class 4081 – Junior
Class 4082 – Intermediate
Class 4083 – Senior

All exhibits will consist of the following:
A. Completed records
B. Any items not listed above. Stained and etched glass, padded frames, tie-dying, silk screening, candles and etc.

CLOVERBUD COUNTY PROJECT
NOT eligible for State Fair competition.

Class 4084 – Cloverbud Project

Guidelines
1. The Cloverbud Project is for 4-H members 5–7 years old as of January 1 of the current year.
2. Each Cloverbud may exhibit ONE ITEM from the Cloverbud Project manual.
3. The Cloverbud Project is designed as an exploratory project and is not a competitive project.
4. CLOVERBUDS CANNOT PARTICIPATE IN COMPETITIVE EVENTS.
5. Exhibit items will not be awarded placement ribbons.
6. Cloverbuds will be recognized for their participation and receive a participation ribbon.
7. Cloverbuds will not be interview judged at County Fair but will be given the chance to visit with the superintendent about his/her project. If the Cloverbud decides to talk with the superintendent, he or she needs to bring in the project personally.

FASHION REVUE
Superintendent: Dolly Goff

Entry Information
Entry Deadline: June 30th, 2017
Late Entry: July 1 – July 1 (at the Extension Office only)

How to Enter: Entries must be made to Fair Office:
Date: Sunday, July 30th
Check in: 5:00-6:00 p.m.
Judging & Show: 5:30-6:30p.m. (on Exhibit Building Stage)

Theme:

Rules:
1. Boulder County Fair conducts a Fashion Revue and selects two qualified Senior participants eligible to enter the state contest at the State Fair in Pueblo.
2. Contestants must model a garment, not accessories, made in clothing construction, heritage arts, leathers and or decorate your duds, or a purchased garment in the clothing buymanship project. They may model wearable garments they have made for themselves in these projects in the Boulder County Fashion Revue.
3. Members MUST turn in the Fashion Revue registration/narrative form along with the Boulder County Fair entry form for each garment modeled. Failure to do so will result in ineligibility for premiums and awards. Members may still participate in judging and public show. Fashion Revue registration/narrative forms are available at the Boulder County Extension Office or on the Boulder County 4-H website boulder4h.org
4. The Fashion Revue contestants must participate in the entire Fashion Revue program (including judging public revue) to be eligible for any county or state Fashion Revue awards.
JUDGING GUIDELINES FOR THE FASHION REVUE:

PREPARATION:
- Design and style
- Choice of fabric and color
- Overall appearance of garment
- Accessories
- Grooming

PRESENTATION:
- Appropriate for garment style
- Movement: (walking, standing and turns)
- Poise/Posture
- Variety of movement, use of space and creativity
- Attitude and enthusiasm

Fashion Revue
Class 4085 Junior Members (Not eligible for State Fair)
Class 4086 Intermediate Members (Not eligible for State Fair)
Class 4087 Senior Members (Two Senior Grand Champions are eligible for State Fair competition. One Reserve Grand Champion will be selected as an alternate.)
Class 4088 Cloverbud Members (Non-competitive county project)

4-H PHOTO CONTEST

Class 389 Photo Contest Jr.
Class 390 Photo Contest Int.
Class 391 Photo Contest Sr.

The Boulder County 4-H Photo Contest is open to any 4-H member (4-H Member does not have to be enrolled in Photography)

No e-Record is required for Boulder County 4-H Photo Contest entries.

There is no prescribed theme for this year’s “Best Photo” contest. Submitted pictures must be taken in Colorado.

Rules:
1. The photo must be an 8” x 10” print.

2. The photo must be matted and mounted on a matte board backing, not construction paper or similar lightweight backing (foam core photo board is an acceptable matte board backing) and must be suitable for hanging without additional frame. No other mounting materials (i.e., glass, wood, plastic, metal, etc.) can be used. Photos mounted on a backing without a matte will not be accepted. Maximum matte size is 12 inches by 14 inches.

3. The maximum size for the matted only picture is no larger than 12” x 14” (no frame or glass).

4. The photo must be labeled on the back with:
   a. Name
   b. County
   c. Date, time and location of photo
   d. Make and model of camera used
      e. ASA film speed (for film cameras) or ISO resolution setting (for digital cameras)
   f. Title of photo

5. In addition, one of the three “Best Photo” pictures selected in each age division will be selected as “Judges’ Choice Best Photo” and will be eligible for the 2017 Boulder County Fair 4-H Product Sale. The product for the sale may be a print or enlargement of the “Judges’ Choice Best Photo” selection. The sale committee will work to arrange for a suitable product for the sale.

6. Photos will be judged according to the following criteria:
   a. Composition/Presentation
   b. Focus/Sharpness
   c. Lighting
   d. Creativity

This contest is ONLY a local County Contest. Winning photos do not advance to the Colorado State Fair. The Colorado State Fair “Best Photo” Contest has changed. 4-H members will not have to qualify from the county to enter the contest. It is going to be a digital contest only where the 4-H members will be uploading their photos in the Fairentry system. These photos will be judged ahead of state fair and ribbons will be given. There will be five different categories with classes for Juniors, Intermediates and Seniors. 4-H member can enter up to 5 different photos that fit into the classes. Look for more information to enter this contest on the state website: www.colorado4h.org.

Wednesday, June 14, 2017