Established 1869

151st

Boulder County

FAIR

July 31st to
August 9th, 2020

Longmont Colorado

Bouldercountyfair.org

2020
BOULDER COUNTY
FAIRBOOK

4-H General Projects

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.

2020 BOULDER COUNTY
4-H EXHIBIT REQUIREMENTS

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All Contest Requirements can be found in the 2020 Contest Requirements at:
http://co4h.colostate.edu/statefair/StateFairContestRequirements.pdf

Note: (Jr, Int, Sr) = Juniors, Intermediates, Seniors

4-H GROWS HERE

2020 Boulder County Fair
GENERAL INFORMATION AND RULES

Cooperation – The Boulder County Fair Livestock Show and Rodeo is held in cooperation with the Boulder County Board of Commissioners, the Boulder County Fair Board and the Boulder County Office of Colorado State University Extension. The Boulder County Fair, Livestock Show and Rodeo does not discriminate on the basis of race, color, sex, religion, age, disability, sexual preference, veteran or marital status, or national origin in its policies and activities.

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. The BCF Management or any individual assisting with the fair, will in no case be responsible for any loss or damage done 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. The exhibitors shall indemnify the Fair Management against all legal or other proceeding in regard hereto. The placing of any exhibits on the show grounds by any and all exhibitors shall signify his/her agreement to abide by this rule.

FAIRGROUNDS

1. Alcohol/Drug Restrictions – Pursuant to Colorado Statue 12-47-901(1)(h)(I), it is illegal to bring **any** outside alcoholic beverages into the BCF, including parking lots. Alcoholic beverages not purchased on the premises will be confiscated immediately and may result in fines and/or ejection from the premises. The presence or use of alcoholic beverages on the fairgrounds is prohibited except in designated areas.

   Illegal drugs of any kind, including marijuana, are prohibited from the BCF, including parking lots. Any illegal drugs, including marijuana, will be confiscated and may result in fines and/or ejection from the premises.

2. Disorderly Conduct, Illegal Activity, Vandalism & Horseplay will not be tolerated. Violators will be escorted from the fairgrounds by security and may be prosecuted. No person shall engage in foul, obscene or abusive language or actions.

3. Motorized Vehicles - ATV's and golf carts will not be permitted without prior written permission from the BCF Board. Use of carts is restricted in the areas of the midway or in pedestrian travel areas during BCF hours of operation.

4. Leash Law: Boulder County and the City of Longmont require all dogs to be on a leash at all times on public property. For the safety of animals and people, dogs are not allowed in the poultry, rabbit, goat, or sheep areas and the indoor arena during horse events.

5. Unauthorized carrying or discharging firearms or weapons of any kind is not permitted. Unauthorized paintball, BB, pellet, air, blowguns, rocket slingshots, crossbows, martial arts weapons, fireworks and explosives are not allowed during the Fair.

6. Smoking is not permitted in county facilities or on county property and therefore adhered to by BCF.

7. Parking is not permitted in assigned fire lanes or where otherwise posted "No Parking." Violators may be ticketed and/or towed at owner's expense.

8. Camping is permitted only at the campgrounds. Dry camping ("exhibitors/spectators camping outside the campgrounds") will only be allowed when the campground is full or when prior approval is obtained from the Fair Board.

4-H GENERAL & HOME ECONOMICS

2020 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 last Friday in April.
2. Entry deadline is June 26, 2020. Late entries will be accepted between June 29 – July 14 in the Fair office only. Postmark will determine entry date.
3. 4-H Home Economics & General Projects must be checked in on Thursday, July 30 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. If a member enrolls in two units of the same project (Leathercraft for example: member enrolls in Unit 2 and Unit 3 – they must exhibit in the higher level – Unit 3). When a member takes two units at the same time, they should master the skills of the lower unit and therefore exhibit in the higher unit.
7. Exhibits should be clean and in good condition.
8. Records: e-Records or county record books are required in all projects 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	Red	White
$4.00	$3.00	$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 10th. 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.

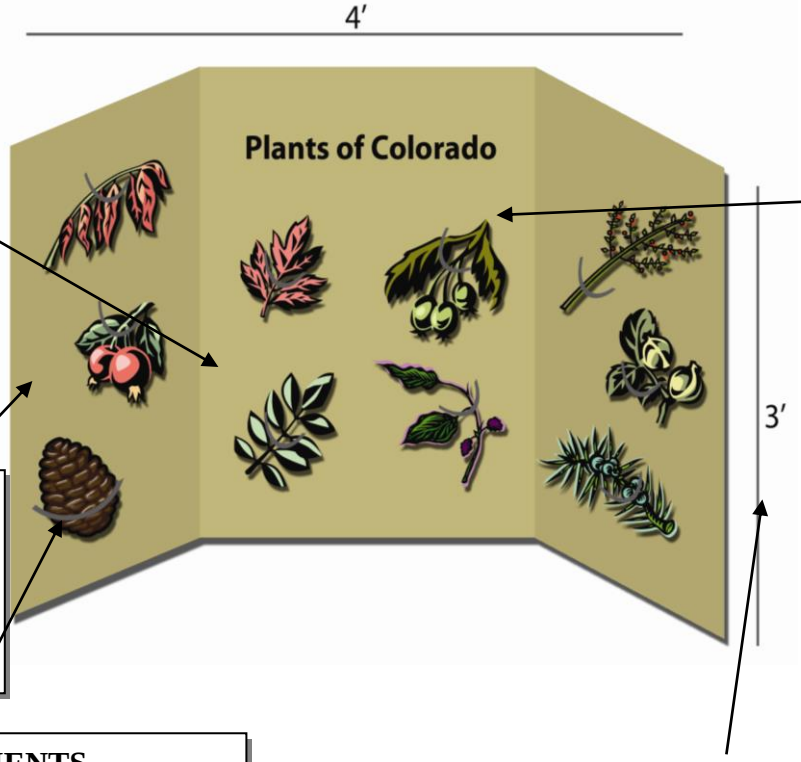
Note: For more information on displays and projects:
www.colorado4h.org/project_resources/StateFairExhibitReq.pdf - look under Display Hints and Tips and Project Tips.

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.

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

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

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)

Label

Boulder County
Jane Doe
Animal Science
Vet Science
Class 001

GENERAL DEPARMENT

ANIMAL SCIENCE
DIVISION *1*

VETERINARY SCIENCE

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

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).

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

HORSELESS HORSE

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

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

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).

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 Cat Display 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.

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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 (example - first year member will do activities 1a, 2a, 3a, 4a, 5a, 6a, then in the second year in the same manual the member will do 1b, 2b, 3b, 4b, 5b, 6b, etc.), 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 SCIENCE

DIVISION 3

COMPUTER POWER UNLIMITED SERIES

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 must be different each year.
2. Youth are only allowed to enter a display board exhibit, or programming, or a stand-alone exhibit, not all.

Beginning programming –simple program using Scratch (or other simple graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse.

Intermediate Programming –a program using Scratch (or other simple graphic programming language) that you have downloaded from the Internet and modified. Compare the two programs and demonstrate the changes you have made to the original program; OR create an animated storybook or video game using Scratch (or other simple programming language).

Advanced Programming – an original program using a higher-level programming language such as Python, Javascript, C++, etc.

DISCOVERING COMPUTER SCIENCE & PROGRAMMING THROUGH SCRATCH

Display Board or CD or DVD Exhibits

Class 601 Computer Science Jr.

Class 602 Computer Science Int.

Class 603 Computer Science Sr.

Beginning Programming

Class 604 Beginning Programming Jr.

Class 605 Beginning Programming Int.

Class 606 Beginning Programming Sr

Stand-Alone Exhibits

Class 607 Computer Science Jr.

Class 608 Computer Science Int.

Class 609 Computer Science Sr.

DISCOVERING COMPUTER SCIENCE & PROGRAMMING THROUGH SCRATCH Level 2
Display Board Exhibits

Class 610 Computer Science Int.

Class 611 Computer Science Sr.

Intermediate Programming

Class 612 Intermediate Programming Int.

Class 613 Intermediate Programming Sr.

Stand-Alone Exhibits

Class 614 Computer Science Int.

Class 615 Computer Science Sr.

DISCOVERING COMPUTER SCIENCE & PROGRAMMING THROUGH SCRATCH Level 3

Display Board Exhibits

Class 616 Computer Science Int.

Class 617 Computer Science Sr.

Advanced Programming

Class 618 Advanced Programming Int.

Class 619 Advanced Programming Sr.

Stand-Alone Exhibit

Class 620 Computer Science Int.

Class 621 Computer Science Sr.

COMPUTERS IN THE 21ST CENTURY

Display Board or CD or DVD Exhibits

Class 622 Computers 21st Century Int.

Class 623 Computers 21st Century Sr.

Stand-Alone Exhibits

Class 624 Computers 21st Century Int.

Class 625 Computers 21st Century Sr.

All exhibits will consist of the following:

A. One sturdy binder/notebook that contains the Discovering Computer Science & Programming Through Scratch manuals for that unit 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. 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. **Programming Exhibit** (a printed copy of a digital presentation is required and placed in your e-record.) Electronic equipment will only be used during judging time and will not remain on display during the fair. Programs available online (such as Scratch) should include a link to the specific project you have created: **Beginning Programming** –a simple program using Scratch (or other simple graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse. **Intermediate Programming** –a program using Scratch (or other simple graphic programming) that you have downloaded from the Internet and modified. Compare the two programs and demonstrate the changes you made to the original program; OR create an animated storybook or video game using Scratch (or other simple graphical programming language). **Advanced Programming** –an original program using higher level programming language such as Phython, Javascript, C++, etc.

3. 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.

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 (at least three required activities completed; at least four Optional activities -Brain Boosters completed; at least two leadership activities completed); 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 (at least three required activities completed; at least four Optional activities -Brain Boosters completed; at least two leadership activities completed); 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 (at least three required activities completed; at least four Optional activities -Brain Boosters completed; at least two leadership activities completed); and eRecord 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 (at least three required activities completed; at least four Optional activities -Brain Boosters completed; at least two leadership activities completed); and eRecord 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://co4h.colostate.edu/program-areas/state-fair-information/**

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

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"x12"x1" 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 801	Introduction to Rocketry	Jr.
Class 802	Introduction to Rocketry	Int.
Class 803	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.
2. Power: single-stage, multi-stage: cluster.
3. The fuselage: single-tube or glider rear-engine or glider front- engine or glider canard.
4. Engine information: engine code, label color, and type of recovery system.

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 804	Basic Model Rocketry	Jr.
Class 805	Basic Model Rocketry	Int.
Class 806	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.
2. Power: single-stage, multi-stage: cluster.
3. The fuselage: single-tube or glider rear- engine or glider front- engine or glider canard.
4. Engine information: engine code, label color, and type of recovery system.

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 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 807	Intermediate Model Rocketry	Jr.
Class 808	Intermediate Model Rocketry	Int.
Class 809	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.
2. Power: single-stage, multi-stage: cluster.
3. The fuselage: single-tube or glider rear- engine or glider front- engine or glider canard.
4. Engine information: engine code, label color, and type of recovery system.

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 and altitude achieved; any special problems before, during and after launching.
5. What did you do to overcome the problems you encountered?

D. One rocket personally built in unit or display related to work done at 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).

ADVANCED MODEL ROCKETRY—UNIT 4
Finished fins of any type

Class 810	Advanced Model Rocketry	Jr.
Class 811	Advanced Model Rocketry	Int.
Class 812	Advanced Model Rocketry	Sr.

Exhibit will consist of the following:
A. Completed Model Rocketry e-Record with completed questions in manual pages 14-18 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.
2. Power: single-stage, multi-stage: cluster.
3. The fuselage: single-tube or glider rear- engine or glider front- engine or glider canard.
4. Engine information: engine code, label color, and type of recovery system.

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 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 IV.

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 813	Designer Model Rocketry	Jr.
Class 814	Designer Model Rocketry	Int.
Class 815	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 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: **http://co4h.colostate.edu/program-areas/state-fair-information/**

ROBOTICS & ENGINEERING

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

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: Ardunio 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 901	Give Robotics a Hand	Jr.
Class 902	Give Robotics a Hand	Int.
Class 903	Give Robotics a Hand	Sr.

Stand-Alone Exhibits

Class 904	Give Robotics a Hand	Jr.
Class 905	Give Robotics a Hand	Int.
Class 906	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.
For Stand-Alone Exhibits: One article which you have made as a part of this unit of study (Example: marshmallow catapult, robotic arm, robotic gripper, et al.)

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 907	Robots on the Move	Jr.
Class 908	Robots on the Move	Int.
Class 909	Robots on the Move	Sr.

Stand-Alone Exhibits

Class 910	Robots on the Move	Jr.
Class 911	Robots on the Move	Int.
Class 912	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.
For Stand-Alones Exhibits: One article which you have made as a part of this unit of study. (Example: clipmobile, can-can robot, gear train, es-car-go, sea hunt, et al.)

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 913	Mechatronics	Jr.
Class 914	Mechatronics	Int.
Class 915	Mechatronics	Sr.

Stand-Alone Exhibits

Class 916	Mechatronics	Jr.
Class 917	Mechatronics	Int.
Class 918	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.
For Stand-Alone Exhibits: One article which you have made as part of this unit of study. (Example: forward and reverse, wall follower, breadboard, say what? build your robot, et al.)
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 919	Platforms-–Beginner	Jr.
Class 920	Platforms-–Beginner	Int.
Class 921	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 922	Platforms—Intermediate	Jr.
Class 923	Platforms—Intermediate	Int.
Class 924	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 925	Platform—Advanced	Jr.
Class 926	Platform---Advanced	Int.
Class 927	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).

TEAM ROBOTICS UNIT 7

Class 928	Team Robotics	Jr.
Class 929	Team Robotics	Int.
Class 930	Team Robotics	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 1001	Crank It Up	Jr.
Class 1002	Crank It Up	Int.
Class 1003	Crank It Up	Sr.

Exhibit will consist of the following:

A. A completed Small Engines manual (page 4 - at least 7 activities completed) 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 1004	Warm It Up	Jr.
Class 1005	Warm It Up	Int.
Class 1006	Warm It Up	Sr.

Exhibit will consist of the following:

A. A completed Small Engines manual (page 4- at least 7 activities completed) 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 1007	Tune It Up	Jr.
Class 1008	Tune It Up	Int.
Class 1009	Tune It Up	Sr.

Exhibit will consist of the following:

A. A completed Small Engines manual (page 4- at least 7 activities completed) 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

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

Class 1010	Advanced Small Engines	Jr.
Class 1011	Advanced Small Engines	Int.
Class 1012	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)

NATURAL RESOURCES
DIVISION 4

ENTOMOLOGY

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.

Regular insect pins are required in all units.

LET’S LEARN ABOUT INSECTS—UNIT 1

Class 1101	Let’s Learn About Insects	Jr.
Class 1102	Let’s Learn About Insects	Int.
Class 1103	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 1104	Learn More About Insects	Jr.
Class 1105	Learn More About Insects	Int.
Class 1106	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 1107	Insect Habits and Controls	Jr.
Class 1108	Insect Habits and Controls	Int.
Class 1109	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 1110	Insect Identification/Community Projects	Jr.
Class 1111	Insect Identification/Community Projects	Int.
Class 1112	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 1113	Immature Insects and Life Stages	Jr.
Class 1114	Immature Insects and Life Stages	Int.
Class 1115	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 1116	Exploring with Insects	Jr.
Class 1117	Exploring with Insects	Int.
Class 1118	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 1119	Exploring with Insects Adv	Jr.
Class 1120	Exploring with Insects Adv	Int.
Class 1121	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.

NATURAL RESOURCES

DIVISION 4
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 1201	Hiking Trails	Jr.
Class 1202	Hiking Trails	Int.
Class 1203	Hiking Trails	Sr.

CAMPING ADVENTURES—UNIT 2

Class 1204	Camping Adventures	Jr.
Class 1205	Camping Adventures	Int.
Class 1206	Camping Adventures	Sr.

BACKPACKING EXPEDITIONS—UNIT 3

Class 1207	Backpacking Expeditions	Jr.
Class 1208	Backpacking Expeditions	Int.
Class 1209	Backpacking Expeditions	Sr.

All exhibits will consist of the following:

A. A completed manual (at least 6 chapter activities and at least 6 Reach the Pike activities completed each year) 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: **www.colorado4h.org/project_resources/StateFairExhibitReq.pdf** - look under Display Hints and Tips and Project Tips.

SHOOTING SPORTS

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

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 State 4-H Shooting Sports Championships (http://www.co4hshooting.org/). (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, tipped arrows (including field points, broadheads), knives, functional or nonfunctional firearms or bows will be allowed as an exhibit. Cardboard, paper cutouts or décor resembling firearms or bows are allowed for display purposes in the display or stand-alone classes.

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.) Do not use pictures of primarily tactical in design firearms in you display, i.e., AR platform or military type firearms.

7. The display board 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 or decorative items are allowed in the Stand-Alone Classes.

9. For those items that will be displayed on the floor there will be a maximum size of 3 feet in width and depth and 7ft in height, because of limited floor space. The item must be stable when standing to be displayed. If an exhibit is larger than this, a notebook can be used

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.

12. A new class has been added. This is a decorative item class. Items to be exhibited in this class are items that are used to decorate a room, building, etc. Be sure to look at the classes to determine where your exhibit item

ARCHERY

Class 1301	Archery	Jr.
Class 1302	Archery	Int.
Class 1303	Archery	Sr.

AIR RIFLE

Class 1304	Air Rifle	Jr.
Class 1305	Air Rifle	Int.
Class 1306	Air Rifle	Sr.

SHOTGUN

Class 1307	Shotgun	Jr.
Class 1308	Shotgun	Int.
Class 1309	Shotgun	Sr.

.22 RIFLE

Class 1310	.22 Rifle	Jr.
Class 1311	.22 Rifle	Int.
Class 1312	.22 Rifle	Sr.

.22 PISTOL

Class 1313	.22 Pistol	Jr.
Class 1314	.22 Pistol	Int.
Class 1315	.22 Pistol	Sr.

BLACK POWDER MUZZLELOADING

Class 1316	Muzzleloading	Jr.
Class 1317	Muzzleloading	Int.
Class 1318	Muzzleloading	Sr.

AIR PISTOL

Class 1319	Air Pistol	Jr.
Class 1320	Air Pistol	Int.
Class 1321	Air Pistol	Sr.

WESTERN HERITAGE

Class 1322	Western Heritage	Jr.
Class 1323	Western Heritage	Int.
Class 1324	Western Heritage	Sr.

OUTDOOR SKILLS

Class 1325	Outdoor Skills	Jr.
Class 1326	Outdoor Skills	Int.
Class 1327	Outdoor Skills	Sr.

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

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

No live ammo, broadheads (ex: arrowheads), knives, functional or nonfunctional firearms or bows will be allowed to be displayed.

ARCHERY

Class 1328	Archery Stand Alone	Jr.
Class 1329	Archery Stand Alone	Int.
Class 1330	Archery Stand Alone	Sr.

AIR RIFLE

Class 1331	Air Rifle Stand Alone	Jr.
Class 1332	Air Rifle Stand Alone	Int.
Class 1333	Air Rifle Stand Alone	Sr.

SHOTGUN

Class 1334	Shotgun Stand Alone	Jr.
Class 1335	Shotgun Stand Alone	Int.
Class 1336	Shotgun Stand Alone	Sr.

AIR PISTOL

Class 1337	Air Pistol Stand Alone	Jr.
Class 1338	Air Pistol Stand Alone	Int.
Class 1339	Air Pistol Stand Alone	Sr.

.22 RIFLE

Class 1340	.22 Rifle Stand Alone	Jr.
Class 1341	.22 Rifle Stand Alone	Int.
Class 1342	.22 Rifle Stand Alone	Sr.

.22 PISTOL

Class 1343	.22 Pistol Stand Alone	Jr.
Class 1344	.22 Pistol Stand Alone	Int.
Class 1345	.22 Pistol Stand Alone	Sr.

WESTERN HERITAGE

Class 1346	Western Heritage Stand Alone	Jr.
Class 1347	Western Heritage Stand Alone	Int.
Class 1348	Western Heritage Stand Alone	Sr.

OUTDOOR SKILLS

Class 1349	Outdoor Stand Alone	Jr.
Class 1350	Outdoor Stand Alone	Int.
Class 1351	Outdoor Stand Alone	Sr.

BLACK POWDER MUZZLELOADING

Class 1352	Muzzleloading Stand Alone	Jr.
Class 1353	Muzzleloading Stand Alone	Int.
Class 1354	Muzzleloading Stand Alone	Sr.

DECORATIVE EXHIBIT ITEMS

Decorative items are items that are made from materials from the different disciplines but are for aesthetic value in decorating a room. All items from all the disciplines that are decorative will be in these classes.

Class 1355	Decorative Item	Jr.
Class 1356	Decorative Item	Int.
Class 1357	Decorative Item	Sr.

All exhibits will consist of the following:

A. Completed e-Record for the discipline exhibited presented in a sturdy binder/notebook.

B**. Specific discipline e-Record is required. It can be found at:**
http://co4h.colostate.edu/programareas/projects/e-records-general/

C. **A Discipline Record Log Sheet is required. It can be found at:**
found at:
http://co4h.colostate.edu/programareas/projects/e-records-general/

D. **Display Exhibit:** One display board illustrating something learned in the project this 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.

For Stand-Alones Exhibits: One article which you have made as a part of the project this year. (Examples: gun stocks, decoys, quivers, but not limited to just these.) No live ammo, broadheads (ex: arrowheads), knives, functional or nonfunctional firearms or bows will be allowed to be displayed.

For Decorative Exhibit Items: One article which you have made as a part of the project this year. This item would be considered a decorative item (board with antlers, using feathers to make an item, jewelry, etc.)

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).

SPORTFISHING

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 7ft 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.

TAKE THE BAIT—UNIT 1

Class 1401	Take the Bait	Jr.
Class 1402	Take the Bait	Int.
Class 1403	Take the Bait	Sr.

REEL IN THE FUN—UNIT 2

Class 1404	Reel in the Fun	Jr.
Class 1405	Reel in the Fun	Int.
Class 1406	Reel in the Fun	Sr.

CAST INTO THE FUTURE—UNIT 3

Class 1407	Cast into the Future	Jr.
Class 1408	Cast into the Future	Int.
Class 1409	Cast into the Future	Sr.

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 1410	Sportfishing Stand Alone	Jr.
Class 1411	Sportfishing Stand Alone	Int.
Class 1412	Sportfishing Stand Alone	Sr.

Reel in the Fun Unit 2

Class 1413	Sportfishing Stand Alone	Jr.
Class 1414	Sportfishing Stand Alone	Int.
Class 1415	Sportfishing Stand Alone	Sr.

Cast into the Future Unit 3

Class 1416	Sportfishing Stand Alone	Jr.
Class 1417	Sportfishing Stand Alone	Int.
Class 1418	Sportfishing Stand Alone	Sr.

All exhibits will consist of the following:

A. Completed Sportsfishing 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, 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.

Unit 1 Wildlife Conservation—The Worth of Wild Roots

Class 1501	The Worth of Wild Root	Jr.
Class 1502	The Worth of Wild Root	Int.
Class 1503	The Worth of Wild Root	Sr.

Unit 2 Wildlife Conservation—Living Wild in an Ecosystem

Class 1504	Living Wild in an Ecosystem	Jr.
Class 1505	Living Wild in an Ecosystem	Int.
Class 1506	Living Wild in an Ecosystem	Sr.

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

Class 1507	Managing in a World	Jr.
Class 1508	Managing in a World	Int.
Class 1509	Managing in a World	Sr.

Stand-Alone Items (For all units)

Class 1510	Stand-Alone Item	Jr.
Class 1511	Stand-Alone Item	Int.
Class 1512	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 look under:
http://co4h.colostate.edu/program-areas/state-fairinformation/

BEEKEEPING

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

BEEKEEPING Unit 1

Class 1601	**BEEKEEPING Unit 1**	**Jr.**
Class 1602	**BEEKEEPING Unit 1**	**Int.**
Class 1603	**BEEKEEPING Unit 1**	**Sr.**

Exhibit will consist of the following:

A. One sturdy binder/notebook that contains the completed **Beekeeping Unit 1 e-Record.**

B. Exhibit one of the following topics on a display board:

1. Flowers used to make honey (display pressed flowers from 10 different Colorado plants that bees use for making flowers)
2. Uses of honey and beeswax, past and present
3. Setting up a Beehive
4. Safe Handling of Bees
5. History of Beekeeping

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).

BEEKEEPING Unit 2

Class 1604	**BEEKEEPING Unit 2**	**Jr.**
Class 1605	**BEEKEEPING Unit 2**	**Int.**
Class 1606	**BEEKEEPING Unit 2**	**Sr.**

Exhibit will consist of the following:

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit one of the following:

Working with Honey Bees (present a topic from your manual to teach about working with honeybees (example: Regional Differences of Beekeeping). Use your knowledge and creativity to display this information 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.

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).

BEEKEEPING Unit 2

(STAND-ALONE EXHIBITS)

EXTRACTED HONEY

Class 1607	**BEEKEEPING Unit 2**	**Jr.**
Class 1608	**BEEKEEPING Unit 2**	**Int.**
Class 1609	**BEEKEEPING Unit 2**	**Sr.**

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit --Extracted honey (2 one-pound jars, shown in glass or clear plastic with screw tops). Jars must be labeled with name, county, class, where honey was extracted and date.

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).

CHUNK HONEY

Class 1610	**BEEKEEPING Unit 2**	**Jr.**
Class 1611	**BEEKEEPING Unit 2**	**Int.**
Class 1612	**BEEKEEPING Unit 2**	**Sr.**

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit-- Chunk Honey (comb in jar shown in 2 one-pound jars wide mouth glass or clear plastic). Jars must be labeled with name, county, class, where honey was taken and date.

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).

CUT COMB HONEY

Class 1613	**BEEKEEPING Unit 2**	**Jr.**
Class 1614	**BEEKEEPING Unit 2**	**Int.**
Class 1615	**BEEKEEPING Unit 2**	**Sr.**

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit ---Cut Comb Honey (2 one-pound boxes, usually 4 ½" x 4 ½" in size). Jars must be labeled with name, county, class, where honey was taken and date.

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).

WOODEN WARE STAND-ALONE

Class 1616 BEEKEEPING Unit 2 Jr.

Class 1617 BEEKEEPING Unit 2 Int.

Class 1618 BEEKEEPING Unit 2 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit –wooden ware –examples; tool box, hive components, etc. Item must be labeled with name, county, class.

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).

BEEKEEPING Unit 3

Class 1619 BEEKEEPING Unit 3 Jr.

Class 1620 BEEKEEPING Unit 3 Int.

Class 1621 BEEKEEPING Unit 3 Sr.

Exhibit will consist of the following:

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit: Prepare an education display board or notebook about honeybees or beekeeping (example topics: diseases, seasonal colony management, etc.).

Use your knowledge and creativity to display this information 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.

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).

BEEKEEPING Unit 3

(STAND-ALONE EXHIBITS)

EXTRACTED HONEY

Class 1622 BEEKEEPING Unit 3 Jr.

Class 1623 BEEKEEPING Unit 3 Int.

Class 1624 BEEKEEPING Unit 3 Sr.

Exhibit will consist of the following:

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit --Extracted Honey –2 one-pound jars (glass or clear plastic) shown as described in Beekeeping II. Jars must be labeled with name, county, class, where honey was taken and date.

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).

CHUNK HONEY

Class 1625 BEEKEEPING Unit 3 Jr.

Class 1626 BEEKEEPING Unit 3 Int.

Class 1627 BEEKEEPING Unit 3 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit --Chunk Honey (comb in jar) –2 one-pound jars (wide-mouth -glass or clear plastic) shown as described in Beekeeping Unit 2. Jars must be labeled with name, county, class, where honey was taken and date.

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).

CUT-COMB HONEY

Class 1628 BEEKEEPING Unit 3 Jr.

Class 1629 BEEKEEPING Unit 3 Int.

Class 1630 BEEKEEPING Unit 3 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit --Cut-Comb Honey –2-one-pound boxes. Boxes are usually 4 ½" x 4 ½" (shown as described in Beekeeping II). Boxes must be labeled with name, county, class, where honey was taken and date.

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).

COMB HONEY

Class 1631 BEEKEEPING Unit 3 Jr.

Class 1632 BEEKEEPING Unit 3 Int.

Class 1633 BEEKEEPING Unit 3 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit ---Comb Honey –2 sections (honey built by bees in frames of wood commonly called "sections". Boxes are usually 4 ½" x 4 ½ " in size (shown as described in Beekeeping II). Sections must be labeled with name, county, class, where taken and date.

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).

WOODEN-WARE

Class 1634 BEEKEEPING Unit 3 Jr.

Class 1635 BEEKEEPING Unit 3 Int.

Class 1636 BEEKEEPING Unit3 Sr.

A. One sturdy binder/notebook that contains the completed BeeKeeping Units 2-4 e-Record.

B. Exhibit –wooden ware –examples; tool box, hive components, etc. Item must be labeled with name, county, class, description of item.

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 BEEKEEPING (Unit 4)

(Must have at least 2 years of beekeeping project experience and must have own hives.)

Class 1637 ADV. BEEKEEPING Int.

Class 1638 ADV. BEEKEEPING Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

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 that provides evidence of your accomplishments. This notebook is 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).

COMMUNICATION, ARTS, & LEISURE SCIENCES

DIVISION 6
CERAMICS

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

Project Exhibit Rules:
1. One piece consists of no more than one item with lid (i.e. sugar bowl with lid). More than one piece is considered a set. Pieces in a set must be related.

2. All work must be done by the member, including the cleaning of greenware or soft bisque used in the Porcelain Doll Unit.

3. A member repeating any unit must learn new skills.

4. All ceramic pieces must be free for close inspection by the judge (***i.e., flowers should not be fastened with floral clay in a flower pot; doll's clothing must be easily removed***). If not, the piece/pieces will be disqualified.

5. Completed e-Record must be entered with the exhibit piece.

6. For examples of technique sheets, go to **http://co4h.colostate.edu/program-areas/projects/**

7. Bisque option is for items that are already cleaned and fired and can be exhibited in Units 1, 2, and 4.

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.
Class1720	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.

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).

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-ringed notebook including a completed e-Record with the following additional information:

Section 1: Create an information sheet that explains the selected study topic and list the topic(s) studied (pages 6-9).

Section 2: Describe any demonstrations or public speaking experiences you had associated with global citizenship. Please be specific about audience, topic, visual aids, etc.

Section3: Include a short story explaining what you learned from this study.

Section 4: List the resources you use 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 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-ringed notebook, including a completed e-Record with the following information:

1. The Arrival—page 5 of manual
2. During the Stay—page 5 of manual
3. After Departure—page 5 of manual
4. Resources—page 5 of manual

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

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	**Int.**
Class 1810	Exchange Delegate to Another County	**Sr.**

Exhibit will consist of the following:

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

1. Before Departure—pages 5-6 of manual
2. During the Stay—page 6 of manual
3. In-depth Observation—page 6 of manual
4. Return to the United States—page 6 of manual
5. Resources—page 6 of manual

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

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).

LEADERSHIIP

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

INDIVIDUAL SKILLS FOR JR./INT. MEMBERS

Class 1901 Ind. Skills for Junior Members Jr.

Class 1902 Ind. Skills for Intermediate Members Int.

Exhibit will consist of the following:

A. A sturdy three-ring notebook including a completed e-record with the following additional information:
Complete at least one activity in the following sections of the manual and either place the pages or make copies of the pages and place in the e-record:
Understanding Self
Communications
Getting Along with Others
Making Decisions
Plus, one of the exhibitor's choice from the manual

B. A display board summarizing a skill area, activity, or leadership topic the member learned. 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 (50 percent) and quality of the exhibit (50 percent).

LEADERSHIP ROAD TRIP

Class 1903 Leadership Road Trip Int.

Class 1904 Leadership Road Trip Sr.

Exhibit will consist of the following:

A. A sturdy three-ring notebook including a completed e-record with the following additional information:
1. Complete all 12 activities in the Leadership Road Trip manual, either include the manual or make copies of the pages and place in the e-record.
2. Summaries or description of at least two Learning Experiences OR More Challenges from the Leadership Road Trip manual.

B. A display board summarizing a skill area, activity, or leadership topic the member learned. 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.

OR

A video summarizing a skill area, activity, or leadership topic the member learned. The video must be less than 10 minutes in length and must provide a link to view the video.

C. Project will be evaluated on the quality of the information completed in the e-record (50 percent) and quality of the exhibit (50 percent).

PUT LEADERSHIP TO PRACTICE

Class 1905 Put Leadership To Practice Int.

Class 1906 Put Leadership to Practice Sr.

Exhibit will consist of the following:

A. A sturdy three-ring notebook including a completed e-record with the following additional information:
1. Complete all 10 activities and Talking Over Activities in the Club Leadership I manual, either include the manual or make copies of the pages and place in the e-record.
2. Summaries or description of at least two Learning Experiences OR More Challenges from the Club Leadership I manual.
3. Summary or description of at least one individualized goal to benefit your leadership skills.

B. A display board summarizing a skill area, activity, or leadership topic the member learned. 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.

OR

A video summarizing a skill area, activity, or leadership topic the member learned. The video must be less than 10 minutes in length and must provide a link to view the video.

C. Project will be evaluated on the quality of the information completed in the e-record (50 percent) and quality of the exhibit (50 percent).

REFINING LEADERSHIP SKILLS

Class 1907 Refining Leadership Skills Sr.

All exhibits will consist of the following:

A. A sturdy three-ring notebook including a completed e-record with the following additional information:
1. Complete all 11 activities in the Club Leadership I manual, either include the manual or make copies of the pages and place in the e- record.
2. Summaries or description of at least two Learning Experiences OR More Challenges from the Club Leadership I manual.

3.Summary or description of at least two individualized goal to benefit your leadership skills.

B. A display board summarizing a skill area, activity, or leadership topic the member learned. 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.

OR

A video summarizing a skill area, activity, or leadership topic the member learned. The video must be less than 10 minutes in length must provide a link to view the video.

C. Project will be evaluated on the quality of the information completed in the e-record (50 percent) and quality of the exhibit (50 percent).

COMMUNITY SERVICE

1908 Community Service Project Sr.

Exhibit will consist of the following:

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

1. Complete all 9 activities in the My Hands for Larger Service manual, either include the manual or make copies of the pages and place in the e- record.

B. A display board summarizing completed community service 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 in front of the display board.

OR

A video summarizing a skill area, activity, or leadership topic the member learned. The video must be less than 10 minutes in length and must provide a link to view the video.

C. Project will be evaluated on the quality of the information completed in the e-record (50 percent) and quality of the exhibit (50 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.

*Detailed instructions on how/where to upload videos will be provided to county staff and enrolled active members soon.

LEATHERCRAFT

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

Project Exhibit Rules for All Units:

1. Put name, age and county on back of exhibit board ***and*** **on tag attached to individual exhibit articles.**

2. Indicate in e-Record whether articles are made from kit or are self-cut and designed by the member.

3. A set means a number of things of the same kind that belong, or are used together (i.e. six matching coasters, belt and buckle with matching designs, etc.).

4. Advanced leathercraft members Units 4-10 may exhibit in more than one of the classes, provided the member is enrolled in and has completed the requirements of each of the units exhibiting in.

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

6. Definitions:

Carving – is where you cut into the leather (usually swivel knife) as part of the design you are tooling.
Stamping/Tooling – is where you use impressions made from tools to form a design.

Cord---is round and waxed thread.
Lace---is flat with a shiny side and rough side.

Background Dyeing—dyeing a solid color to the area tooled with the backgrounder.
Solid color dying—is where you dye the whole project the same color. For example, you tool a belt and then dye it all black, or you make a book cover and dye it all one color.
Color shading—is where you use shades of color to make the design look more realistic. For example, you can use darker and lighter shades of a color on a flower you have tooled to make it look realistic, or an animal or figure of any kind.
Staining/Antiquing—using an antique finish like saddle tan—apply & remove/rub on & wipe off.
Clear finish—is a finish that has no color in it. For example, oil (no color added), leather finish spray or wipe on that has no color mixed in it.

INTRODUCTION TO LEATHERCRAFT & CREATIVE STAMPING—UNIT 1

Class 2001	Intro to Leathercraft & Stamping	Jr.
Class 2002	Into 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 ¼" (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 ¼" (preferably pegboard)*** to which items are attached by means of lacing or thread:

1. Three samples with labels showing:
   a. Use of swivel knife and camouflage tool.
   b. Steps shown in sample *a* and *b*, as well as use of pear shader, beveller and veiner.
   c. Steps shown in samples *a* and *b* as well as use of seeder, backgrounder and decorative cuts. Clear leather finish applied to sample *c*

(optional for samples *a* and *b*). **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 solid color dyeing, antiquing or shading will be 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.

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).

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"x10" (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) ____
   Subject _____
   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 Dislpay 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 -3 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 do you store your pictures and why

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

1. Photo Journal Page 7 -- 1 photo (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.
5. Photo Journal Page 24 -4 photos--2 photos with hard light and 2 photos with soft light.
6. Photo Journal Page 28 -3 photos
7. Photo Journal Page 32 -3 photos
8. Photo Journal Page 36 -3 photos
9. Photo Journal Page 40 -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).

COLORADO 4-H PHOTO CONTEST-
Open to all 4-H members. Photos must be taken in Colorado. Requirements will be in the Contest Requirements. 4-H Members will submit their entries through FairEntry.

4-H FILMMAKING

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 that you created. 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.

6. For all videos a link must be provided to view the video

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. 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. **A link must be provided to view the video.**
Members must supply the following information:

1. Name
2. County
3. Title
4. Class
5. 4-H Age
6. Short Description

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).

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 look under**:** **http://co4h.colostate.edu/program-areas/state-fairinformation/**

SCRAPBOOKING

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

Members who are exhibiting in 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.
2. Exhibited in a three-ring binder or scrapbook binder

C. Journaling & titling must be included on the 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".
3. Exhibited in a three-ring binder or scrapbook binder

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 and must include required techniques to be counted as a pate 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 only with no technique 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 hand- written journal entry, all others may be typed.

5. If adding pages to an album that has been judged only submit the pages done within the current 4-H year, do not include pages from past years. Document that this is an ongoing project. (i.e. second edition "Seattle" album exhibit in 2016

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.)
9. Two-page layout, coordinated and themed.

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 x7), 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, rabbet plane, jointer and router. Articles made with power tools other than those listed will not be ranked in the top-ten placing.

FINISHING UP—UNIT 4

Class 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” canvas 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 the 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, (foam core, strong cardboard, plywood, particle board, etc.), 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, he or she needs to move to another unit because the skills in that unit have already been mastered. Also, if a member repeats a unit, he or she must show what new skill was learned.

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 single layered **real** cake (8" or 9" or 10" round or square) using a leaf tip, star tip and writing tip. **One fourth of the top of cake should be visible to show smooth base**. (No fondant or royal icing may be used as icing or decorations on the cake.) **Only required tip work can be used in Unit 2. No non-edible material can be used in units 1-6.** Do not use flowers made on a flower nail or materials other than frosting in decorations. No cake forms 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 3 –TWO-LAYERED CAKE

Class 2607	Cake Decorating Unit 3	Jr.
Class 2608	Cake Decorating Unit 3	Int.
Class 2609	Cake Decorating Unit 3	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 **(TOTAL OF 5)** (All 5 cakes must be real cakes)**:**

1. occasion for use
2. size or shape
3. 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 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 and figure piping 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. **A defined 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).

UNIT 5 SMALL TREATS

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 a minimum of three batches of cupcakes (can either be themed, stacked or character), plus the exhibit cupcakes, for a minimum of four baking and decorating experiences. One batch= 12 cupcakes **(TOTAL OF 4)**:

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 three 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. Write a short explanation of what you did and what you learned with each batch you decorated.

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.). Frosting must cover the cupcake and provide a base for decorations. One forth frosting must be visible on at least one cupcake. Spatula painting and brush striping are optional. 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 three required batches of cupcakes (can either be themed, stacked or character), plus the exhibit cupcakes, for a minimum of four baking and decorating experiences One batch = 12 cupcakes (**TOTAL 4**):

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. Write a short explanation of what you did and what you learned with each batch you decorated.

D. A minimum of 4 and a maximum of 8 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. Frosting must cover the cupcake and provide a base for decorations. One-fourth frosting must be visible on at least one cupcake. Fondant and royal icing can be used for decorations only. Cupcakes should be secured to a sturdy board (foam core, cardboard, plywood, particle board, etc.) and secured with frosting for display. Board size should be appropriate to design (use guideline for cakes – maximum of 9" x 13" or a 14" round.) Spatula painting and brush striping are optional. No non-edible decorations can be used. Cupcakes can be stacked 2 but not more than 4 high with a maximum of 8 cupcakes total for the design. A variety of sizes is allowed and encouraged.

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 a minimum of three batches of cupcakes (can either be themed, stacked or character), plus the exhibit cupcakes, for a minimum of four baking and decorating experiences. One batch= 12 cupcakes **(TOTAL OF 4)**:

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. **That is, 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. The design should be one dimension – no stacking**. The cupcakes are decorated using frosting and edible materials. Spatula painting and brush striping are optional. Frosting must cover the cupcake and provide a base for decorations. ¼ frosting must be visible on at least one cupcake. Fondant and royal icing can be used only for decorations. The character must be displayed on one cake board (foam core, strong cardboard, plywood or particle board, etc.) with a maximum size of 9" x 13" or 14" round. No nonedible decorations 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 DECORATED THEMED COOKIES

Class 2622	Cake Decorating Unit 5	Jr.
Class 2623	Cake Decorating Unit 5	Int.
Class 2624	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 required three batches of cookies plus your exhibit cookies. **(TOTAL OF 4)** One batch = 12 cookies.

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

Be sure to put the cost of your three cookie batches and exhibit cookies on the expense page in the e-Record.

C. Include photos or drawings of the three required batches of cookies in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each batch you decorated.

D. A minimum of 3 and maximum of 6 regular size (3 inches) cookies displayed on a disposable base. Cookies should be of a similar design or theme. Cookies should be displayed on a 12-inch disposable platter that is labeled with the Exhibitor's name and county. Cookies are decorated using frosting and edible materials. Spatula painting and brush striping are optional. Frosting must cover the cookie and

provide a base for decorations. One-fourth frosting must be visible on at least one cookie. Fondant and royal icing can be used only for decorations.

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 DECORATED STACKED COOKIES

Class 2625	Cake Decorating Unit 5	Jr.
Class 2626	Cake Decorating Unit 5	Int.
Class 2627	Cake Decorating Unit 5	Sr.

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 required three batches of cookies plus your exhibit cookies. **(TOTAL OF 4)** One batch = 12 cookies.

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

Be sure to put the cost of your three cookie batches and exhibit cookies on the expense page in the e-Record.

C. Include photos or drawings of the three required batches of cookies in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each batch you decorated.

D. A minimum of 6 inches in height and maximum 12 inches in height cookies creating one design or theme where cookies are stacked on top of each other and decorated. Cookies may vary in size according to the type of stacking being done. Cookies should be secured to a sturdy covered board for display not to exceed 12 x 12 inches. Cookies are decorated using frosting and edible materials. Spatula painting and brush striping are optional. Frosting must cover the cookie and provide a base for decorations. One-fourth frosting must be visible on at least one cookie. Fondant and royal icing can be used only for decorations.

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 DECORATED COOKIE CONSTRUCTION

Class 2628	Cake Decorating Unit 5	Jr.
Class 2629	Cake Decorating Unit 5	Int.
Class 2630	Cake Decorating Unit 5	Sr.

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 required three cookie structures plus your exhibit cookie structure. **(TOTAL OF 4)**

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

Be sure to put the cost of your three cookie structures and exhibit cookie structure on the expense page in the e-Record.

C. Include photos or drawings of the three required batches of cookies in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each batch you decorated.

D. A cookie structure that is no more than 11 inches wide and a maximum height of 20 inches. Cookies are decorated using frosting and edible materials. Spatula painting and brush striping are optional. Frosting must cover the cookie and provide a base for decorations. One-fourth frosting must be visible on at least one cookie. Fondant and royal icing can be used only for decorations. The structure should be placed on a 14 x 14 inch disposable base and labeled with the Exhibitor's name and county. The structure may be placed in a glass case.

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

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

D. One decorated cut-up cake using **<u>three different types</u>** 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 three 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 three 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
3. cake or cake form (at least 2 real and 3 of the 5 covered with fondant). Exhibit cake must be covered with fondant.
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 required cakes and exhibit cake on the expense page in the e-Record.

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

D. One decorated two layered cake or cake form 8, 9 or 10-inches round or square covered in fondant and decorated using skills learned from Units 3-7 and fondant and gum paste decorations.

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 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 three 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 (cornelli, sota or applique lace, etc.) 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 look under: **http://co4h.colostate.edu/program-areas/state-fairinformation/**

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 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.,

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 ½" 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.

For those members who are exhibiting more than one item, 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.

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 no more than five 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 - (pants, pajama bottoms, shorts, skirts)

Class 2806	Simple Bottom	Jr.
Class 2807	Simple Bottom	Int.
Class 2808	Simple Bottom	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.

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).

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 MUST 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.
Class 2820	Skirt	Sr.

Dress

Class 2821	Dress (not formal wear)	Jr.
Class 2822	Dress (not formal wear)	Int.
Class 2823	Dress (not formal wear)	Sr.

Romper

Class 2824	Romper or Jumpsuit	Jr.
Class 2825	Romper or Jumpsuit	Int.
Class 2826	Romper or Jumpsuit	Sr.

Two-Piece Outfit

Class 2827	Two-Piece Outfit	Jr.
Class 2828	Two-Piece Outfit	Int.
Class 2829	Two-Piece Outfit	Sr.

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, hand-picked zippers, princess seams, flat felled or mock flat felled seam finishes, invisible zippers, tailoring techniques (French or Hong Kong seam finishes, non-woven interfacing, bound buttonholes, shoulder pads, sleeve heads, lining and or underling, welt pockets, swing tacks, etc.).

CLOTHING STEAM 3

Class 2836	Cotton or Cotton Blend	Int.
Class 2837	Cotton or Cotton Blend	Sr.
Class 2838	Synthetics and Rayon	Int.
Class 2839	Synthetics and Rayon	Sr.
Class 2840	Wool and Wool Blend	Int.
Class 2841	Wool and Wool Blend	Sr.
Class 2842	Silk and Silk-Like	Int.
Class 2843	Silk and Silk-Like	Sr.
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.

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 or synthetic or wool or woolblend, silk or silk-like fibers. Specialty fabrics are fabrics using sequins, beads, 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:

Note: For more information on displays and projects look under**: http://co4h.colostate.edu/program-areas/state-fairinformation/**

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.

UPCYCLE YOUR STYLE —APPLIED

Class 2901	Applied	Jr.
Class 2902	Applied	Int.
Class 2903	Applied	Sr.

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).

UPCYCLE YOUR STYLE —STITCHED

Class 2904	Stitched	Jr.
Class 2905	Stitched	Int.
Class 2906	Stitched	Sr.

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 may be hand-or machine-stitched. Examples: machine or hand sewing, such as adding a collar or skirt, appliqué - statin stitch, embroidery, quilting, beading, knitting or crochet (by self or others).

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).

UPCYCLE YOUR STYLE —COMBINATION

Class 2907	Combination	Jr.
Class 2908	Combination	Int.
Class 2909	Combination	Sr.

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, 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: Exploration of Textiles and Clothing

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

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).

BUYMANSHIP—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 look under**:**
http://co4h.colostate.edu/program-areas/state-fairinformation/

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 for the base of the product.

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	Baked Bar Cookies	Jr.
Class 3005	Baked Bar Cookies Int.	
Class 3006	Baked Bar Cookies	Sr.

E. Four baked bar cookies or one recipe

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).

Shorten Cakes are cakes that use fat for flavor and texture. Most shortened cake recipes begin by beating the fat with sugar to create air bubbles.

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 or four cinnamon rolls

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 - 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 manual activities (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 2018	July 2019

3. All dried foods must include the following information on the label:
   a. Name of product
   b. Pretreatment used, if any
   c. Name of additional ingredients added, if any
   d. Method of drying (oven, dehydrator, solar)
   e. Total drying time
   f. Date dried

Examples:

APRICOTS
ascorbic-acid-dipped
dehydrator-dried, 8 hours
July 2019

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	Freezing and Drying	Jr.
Class 3102	Freezing and Drying	Int.
Class 3103	Freezing and Drying	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 is 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 look under**: http://co4h.colostate.edu/program-areas/state-fairinformation/**

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?
   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 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 (Needle Arts, 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 a set of up to three coordinated pieces, comprised of a minimum of 50 percent yarn/fabric 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 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. 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 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).

QUILTING UNIT 1

Class 3213	Quilting Unit 1	Jr.
Class 3214	Quilting Unit 1	Int.
Class 3215	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?
   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. 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.

F. The exhibit should not use advanced quilting techniques used in higher units. Examples of advanced skills are: paper or curved piecing, fussy cutting, or 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 3216	Quilting Unit 2	Jr.
Class 3217	Quilting Unit 2	Int.
Class 3218	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 on your quilt.
5. If a pattern was used, secure a copy of the pattern to the e-Record.

C. One finished quilt (minimum size 36”x 36” and no maximum). Quilt and record book should demonstrate at least three skills learned (examples include but not limited to layering or stacking, batting, marking, separate straight or bias binding, straight line block patterns, triangle patterns, labeling, and fabric selection).

D. Exhibit items must be quilted – hand, machine or tied.

E. Quilt must be finished with a separate straight or bias binding by machine or hand.

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).

QUILTING UNIT 3

Class 3219	Quilting Unit 3	Jr.
Class 3220	Quilting Unit 3	Int.
Class 3221	Quilting Unit 3	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 have 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 advanced edging, embellishments, 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 3322	Quilting Unit 4-Original Design	Jr.
Class 3223	Quilting Unit 4-Original Design	Int.
Class 3224	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 DESIGN AND DECOR

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.

Definitions of Decorative Accessory and Household Items
A decorative accessory is a small decoration 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
• Pillows, etc.

A household item is a small useable piece (not furniture such as end tables, night stands, sofas, chairs or window and floor covering).
Examples:
• Wastebasket
• Canister
• Planters
• Foot stools, etc

HOME DESIGN AND DECOR—UNIT 1

Class 3301 Home Design & Decor Unit 1 Jr.
Class 3302 Home Design & Décor Unit 1 Int.
Class 3303 Home Design & Decor Unit 1 Sr.

Exhibit will consist of the following:

A. Completed Home Design and Décor 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 Design and Décor page: pictures of other recycled items made during your project (a minimum of at least two 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. Using recycled material to make one of the following to be used outside.
   a. Bird feeder or Birdhouse
   b. Wind chime
   c. Picnic caddy

OR

2. Using at least 50% recycled or reused items (no furniture) to make one of the following items to be used inside the house.
   a. Centerpiece for table
   b. Planter
   c. Room or desk organizer
   d. Decorative accessory for the home (see definition)
   e. Household item (see definition)
   f. Wall hanging (3 x 2)

D. Completed Activity 2 – Color wheel from the manual placed 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).

HOME DESIGN AND DECOR—UNIT 2

Class 3304 Home Design and Décor Unit 2 Jr.
Class 3305 Home Design and Décor Unit 2 Int.
Class 3306 Home Design and Décor Unit 2 Sr.

Exhibit will consist of the following:

A. Completed Home Design and Décor e-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it and what other items you made.

B. Include the following information on the Home Design and Décor page in the e-Record.
   1. Two or more exhibit photos showing item in place where it will be used and as a part of the total room design. 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. Communication Board (3x2)
   2. Room or desk organizer
   3. A wall hanging 3' x 2'
   4. Decorative accessory
   5. Household item (see definition)
   6. 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 DESIGN AND DÉCOR —UNIT 3

Class 3307 Home Design and Décor Unit 3 Jr.
Class 3308 Home Design and Décor Unit 3 Int.
Class 3309 Home Design and Décor Unit 3 Sr.

Exhibit will consist of the following:

A. Completed Home Design and Decor 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. Select one of the following for an exhibit:

1. 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. Refinishing is when you strip off the old finish and apply a new finish or color that was not original to that piece of furniture.
   a. 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.
   b. A brief description of how the piece(s) fit into the room placed in the e-record.

OR

2. Select from one of the items below to exhibit:
   a. A brief description of the window treatment or bedcovering you made or purchased that includes how it fits into the design of the room and if purchased why?
   b. Attach up to 4 photos showing the exhibited item(s) in use in the room. These are in addition to the photos required in the e-record.

OR

3. An emergency weather plan for your family. Where would you go? What type of items would you have in case of emergency? What personal items would you take with you? Place the emergency plan in the e-Record.

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).

HOME DESIGN AND DECOR—UNIT 4

Class 3310 Home Design and Decor Unit 4 Int.
Class 3311 Home Design and Decor Unit 4 Sr.

Exhibit will consist of the following:

A. Completed Home Design and Décor e-Record presented in a sturdy binder/notebook.

B. Include in the e-record a written statement with the following information:

1. Goals
2. What your plan was for this project.
3. Did you accomplish your goals?
4. List the resources that you used.
5. How did you share your project?
6. How did you evaluate your project?

C. Select one from the following for an exhibit:

1. Design board (art board, corrugated plastic, etc.) 22” x 30”. Foam core or foam board for mounting samples. The design board will include samples of paint, fabric, flooring, etc., for the room you are designing.

OR

2. Job Shadow Exhibit—display board (3’ x 4’) demonstrating what profession you are interested in and who you job-shadowed (profession, job title of person shadowing, what you learned from the experience, and if you still want to be in the profession, why or why not?). Include pictures or any record you have kept providing evidence of your job shadow experience.

OR

3. Portfolio Exhibit –
   a. A physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work.
   b. Written explanation that demonstrates knowledge of the related career or business field, potential careers, and the appropriate requirements for achievement in that field.

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).

4-H PRODUCT SALE

BOULDER COUNTY 2020 4-H PRODUCT 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, August 8, 2020.

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 5, 2020.

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. 17, 2020.

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 Friday, August 30, 2020 (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 30, 2020 will result in a forfeiture of the proceeds from the sale.

BOULDER COUNTY 2020 4-H PRODUCT SALE CLASSES

Judges' Choice Plate of No Bake Bars, Baked bar cookies or 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:
Cake 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 **will be chosen from entries in Competing in departments with fleece/fiber sources.**

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 in the following project or contest: **Photography Project Units 1-6 or County 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.

Boulder County Projects

NOT eligible for State Fair competition.

DISCOVER 4-H

Class 4004	Discover 4-H	Jr
Class 4005	Discover 4-H	Int
Class 4006	Discover 4-H	Sr

*See Exhibit requirements for Self-Determined Project

POCKET PETS:

Unit 1

Class 4007	Pet Pals	Jr
Class 4008	Pet Pals	Int
Class 4009	Pet Pals	Sr

Unit 2

Class 4010	Scurrying Ahead	Jr
Class 4011	Scurrying Ahead	Int
Class 4012	Scurrying Ahead	Sr

Unit 3

Class 4013	Scaling the Heights	Jr
Class 4014	Scaling the Heights	Int
Class 4015	Scaling the Heights	Sr

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).

SELF DETERMINED

COUNTY PROJECT: NOT eligible for State Fair competition.

SELF DETERMINED**

Class 4016	Self Determined	Jr
Class 4017	Self Determined	Int
Class 4018	Self Determined	Sr

* Exhibit will consist of the following:

A. Completed record, including story of what was learned in project, including your goals, action plan, accomplishments, and your evaluation of the results. You may include pictures and records you have kept to provide evidence of your accomplishments.
B. If an article is made as part of the project, you may display it. Be sure to include your name, age, address, and 4-H club on your article.
C. If no article is made to display, 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. A member MUST submit a completed record book. See your member's guide for suggestions.

CLOVERBUD
COUNTY PROJECT
NOT eligible for State Fair competition.

Class 4019 - 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.
8. Ribbons received, not eligible for premium

COUNTY 4-H PHOTO CONTEST

This contest is ONLY a local County Contest. Winning photos do not advance to the Colorado State Fair. 4-H members will not have to qualify to enter the 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. The 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 contest. Submitted pictures must be taken in Boulder County. (Rules on following page).

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 light weight 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 2018 **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

7. Ribbons awarded, not eligible for premiums.

State Contests

FASHION REVUE

http://co4h.colostate.edu/statefair/StateFairContestRequirements.pdf

Entry Deadline:	**June 26, 2020**
Late Entry to Fair Office:	**July 1 – July 16**
How to Enter:	**Entries through FairEntry**
Date:	**Sunday, August 2nd**
Check in:	**4:00 PM**
Judging & Show:	**4:30PM – 6 PM**

Fashion Revue

Class 4020 Junior (Not eligible for State Fair)

Class 4021 Intermediate (Not eligible for State Fair)

Class 4022 Senior (Two Senior members are eligible for State Fair competition.)

Class 4023 Cloverbud (participation only)

Rules:

1. All Boulder County 4-H members are welcome to enter. Senior participants compete for eligibility to participate in the contest at the State Fair in Pueblo.
2. Contestants must model a garment (not accessories) made in clothing construction, heritage arts, leathercraft or artistic clothing or a purchased garment in the clothing buymanship project in the Boulder County Fashion Revue.
4. Members MUST turn in a Fashion Revue narrative form for each garment modeled. Fashion Revue narrative forms are available at the Boulder County Extension Office or on the Boulder County 4-H website boulder4h.org Failure to do so will result in ineligibility for awards. Members may still participate in judging and public show.
5. Contestants must participate in the entire Fashion Revue program (including, judging & public revue) to be eligible for any county or state Fashion Revue awards.
6. Ribbons are received but are not eligible for premiums.

JUDGING GUIDELINES:

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

COLORADO STATE 4-H DIGITAL PHOTO CONTEST
Open to all 4-H members. Photos must be taken in Colorado. Requirements will be in the Contest Requirements document. 4-H Members will submit their entries online. Look for more information to enter this contest on the state website:
http://co4h.colostate.edu/resources/state-fair/StateDigitalPhotoContest.pdf

This contest is a state contest –4-H member does not need to qualify at the county fair to enter. Contest will be opened on May 15th and closes on June 15th.

Classes

4-H in Action		
101	4-H in Action	Jr.
102	4-H in Action	Int.
103	4-H in Action	Sr.
Animals/Insect		
201	Animals/Insects	Jr.
202	Animals/Insects	Int.
203	Animals /Insects	Sr.
Architecture		
301	Architecture	Jr.
302	Architecture	Int.
303	Architecture	Sr.
Landscape		
401	Landscape	Jr.
402	Landscape	Int.
403	Landscape	Sr.
People		
501	People	Jr.
502	People	Int.
503	People	Sr.
Plant Life		
601	Plant Life	Jr.
602	Plant Life	Int.
603	Plant Life	Sr.

- This contest is open to all Colorado 4-H members. Participation is NOT limited to those 4-H members enrolled in photography.
- 4-H members will enter their entries directly into FairEntry. The photos will be uploaded to a Drobox account.
- All entry photos must have been taken by the 4-H member submitting the entry during the contest year.
- 4-H members may submit up to 6 entries. However, each entry must be in a different class. Photos cannot be dually entered in more than one class.
- Photos may be in color or black-and-white
- Photo size: Photos submitted must be 8”x 10”