

## DIVISION 16: COMMUNICATION, ARTS AND LEISURE SCIENCES

### Section#1: Ceramics

#### Project Exhibit Rules:

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

#### UNIT 1: Glazes (includes glazes on earthenware, stoneware, and porcelain)

**CLASS #1: Glazes** Jr. / Int. / Sr.

**CLASS #2: Bisque Option** Jr. / Int. / Sr.

#### All exhibits 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 do the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have 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 the quality of exhibit (75 percent).

#### UNIT 2: Underglazes (includes underglazes on earthenware, stoneware, and porcelain).

**CLASS #1: Underglazes** Jr. / Int. / Sr.

**CLASS #2: Bisque Option** Jr. / Int. / Sr.

#### All exhibits 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 do the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have 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 the quality of exhibit (75 percent).

**UNIT 3: Overglazes** (includes overglazes on earthenware, stoneware, and porcelain).

**CLASS #1: Overglazes**

Jr. / Int. / Sr.

**All exhibits 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 do the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have 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 the quality of exhibit (75 percent).

**UNIT 4: Unfired Finishes** (includes unfired finishes on earthenware, stoneware, and porcelain).

**CLASS #3: Unfired Finishes**

Jr. / Int. / Sr.

**CLASS #4: Bisque Option**

Jr. / Int. / Sr.

**All exhibits 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 do the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have 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 the quality of exhibit (75 percent).

**UNIT 5: Porcelain Dolls** (includes china paint on polished bisque or glazed porcelain (china). Soft fired greenware is highly recommended for all doll projects).

**CLASS #1: Porcelain Dolls**

Jr. / Int. / Sr.

**All exhibits will consist of the following:**

- A. Completed Ceramics e-Record presented in a sturdy binder/notebook.
- B. Include a technique sheet for completed project, according to the manual and appropriate for the doll. A technique sheet should have enough information included do the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have 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:

- d. If the piece was bisque- fired before application of color and to what cone size or temperature.
- e. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
- f. 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 the quality of exhibit (75 percent).

**UNIT 6: Hand Constructed** (stone or earthenware)

**CLASS #1: Hand- Constructed**

Jr. / Int. / Sr.

**All exhibits 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 do the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have technique sheet with each piece you exhibit. The technique sheet should include:

- 1. A list of all tools and brushes used. Sizes should be included, if applicable.
- 2. A list of brand name, number and colors used.
- 3. A list of steps:
  - a. If the piece was bisque- fired before application of color and to what cone size or temperature.
  - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
  - c. A list of other products used.

C. One piece or set showing techniques learned.

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

Section #2: Global Citizenship

Note: **NO** display boards

**Study of Another Country**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. A sturdy three-ringed notebook including a completed e-Record with the following additional information:
  - 1. Create an information sheet that explains the selected study topic and list the topic(s) studied (pages 6-9).
  - 2. Describe any demonstrations or public speaking experiences you had associated with global citizenship. Please be specific about audience, topic, visual aids, etc.
  - 3. Include a short story explaining what you learned from the study.
  - 4. List the resources you used throughout your project.
- B. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of exhibit (75 percent).

**Host a Delegate from Another Country**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. A sturdy three- ringed notebook including a completed e-record with the following additional information:
  - 1. Preparation for your Exchangee’s Arrival- page 3 of manual.
  - 2. The Arrival page- 3- 4 of manual
  - 3. During the Stay- page 4 of manual
  - 4. After Departure- page 4 of manual
  - 5. Resources- page 5 of manual
- B. Provide information on at least on 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

Int. / 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 exhibit (75 percent).

## Exchange Delegate to Another Country

Int. / 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- page 5-6 of manual
  2. During 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 exhibit (75 percent).

## Section #3: Leadership

### Individual Skills for Jr./Int. Members

Jr. / Int.

### Exhibit will consist of the following:

- A. A sturdy three-ring notebook including a completed e-Record with the following additional information:
  1. 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:
    - a. Understanding Self
    - b. Communications
    - c. Getting Along with Others
    - d. Making Decisions
    - e. 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 4ft. x 3ft.** 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 exhibit (50 percent).

## Leadership Road Trip

Int. / Sr.

### Exhibit will consist of the following:

- A. A sturdy three-ringed 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 4ft. x 3ft.** 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 ready to upload to Colorado 4-H secure website.\*

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

### **Put Leadership into Practice**

Int. / Sr.

#### **Exhibit will consist of the following:**

**A.** A sturdy three-ringed 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 Leadership Road Trip 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 4ft. x 3ft.** 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 ready to upload to Colorado 4-H secure website.\*

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

### **Refining Leadership Skill**

Sr.

#### **Exhibit will consist of the following:**

**A.** A sturdy three-ringed 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 Leadership Road Trip 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 4ft. x 3ft.** 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 ready to upload to Colorado 4-H secure website.\*

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

### **Community Service**

Sr.

#### **Exhibit will consist of the following:**

**A.** A sturdy three-ringed 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 a skill area, activity, or leadership topic the member learned. **The standardized display board size of 4ft. x 3ft.** 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 ready to upload to Colorado 4-H secure website.\*

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

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

#### Section #4: Leathercraft

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 self-cut and designed by the member.
3. A set means several 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 1<sup>st</sup> year- juniors take Unit 1 intro to stamping before taking Unit 8.**
6. Definitions:
  - a. **Carving-** is where you cut into the leather (usually swivel knife) as part of the design you are tooling.
  - b. **Stamping/Tooling-** is where you use impressions made from tools to form a design.
  - c. **Cord-** is round and waxed thread
  - d. **Lace-**is flat with shiny side and rough side.
  - e. **Background Dyeing-** dyeing a solid color to the area tooled with the background.
  - f. **Solid Color Dyeing-** is where you dye the whole project the same color. For example, you tool a belt and then dye it all black, or you make a book cover and dye it all one color.
  - g. **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 color on a flower you have tooled to make it look realistic, or an animal or figure of any kind.
  - h. **Staining/Antiquing-** using an antique finish like saddle tan- apply & remove/rub on & wipe off.
  - i. **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.

#### UNIT 1: Introduction to Leathercraft & Creative Stamping

Jr. / Int. / 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"x 18"x 1/8" or 1/4" (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 exhibit (75 percent).

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

#### UNIT 2: Beginning Leather Carving Leathercraft

Jr. / Int. / Sr.

Exhibit will consist of the following:

- A. Completed e-Record presented in a sturdy binder/notebook.
- B. **Exhibit board 12"x 18"x 1/8" or 1/4" (preferably pegboard).** To which items are attached by means of lacing or thread:
  - 1. Three samples with labels showing:
    - a. Use of knife and camouflage tool.
    - b. Steps shown in sample an as well as use of pear shader, beveller, and veiner.
    - c. Steps shown in samples a and b as well as use of seeder, backgrounder and decorative cuts. Cleat leather finish applied to sample c (optional for samples a and b). **Note: the labels should reflect the tools used for each sample.**
    - d. 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 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

Jr. / Int. / 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 loop stitch is required.**
- C. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of exhibit (75 percent).

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

#### Advanced Units 4-10

##### UNIT 4: Advanced Leather Carving

Jr. / Int. / 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 leaned 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 exhibit (75 percent).

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

##### UNIT 5: Coloring and Shading

Jr. / Int. / 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 are 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 exhibit (75 percent).

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

##### UNIT 6: Pictorial Carving

Jr. / Int. / 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 exhibit (75 percent).

**UNIT 7: Making and Rebuilding Saddles**

Jr. / Int. / 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 exhibit (75 percent).

**Unit 8: Advanced Creative Stamping**

Jr. / Int. / 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 exhibit (75 percent).

**UNIT 9: Braiding ant Untooled**

Jr. / Int. / 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 exhibit (75 percent).

**UNIT 10: Sewing Leather**

Jr. / Int. / 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 exhibit (75 percent).

Section #5: Photography

Project exhibit rules:

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 manual for mounting 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 be displayed.**
6. The maximum size for the matted only picture is no larger than 8" x 10" (no frame or glass).
7. Binder/notebooks: Use a hardback, three-ring notebook up to 3 inches in size for all units. No posters or oversized books. Do not use plastic covers on any pages in the unit. All materials must fit within the notebook. Additional pages can be added as needed to exhibit your photos. **Notebooks will be judged but will not be displayed.**
8. For photo exhibits in levels 1-3 follow the tips on page 73 in the manual. 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, top to bottom) \_\_\_\_\_  
 Subject: \_\_\_\_\_



Date Photo Taken \_\_\_\_\_

9. Label Format for Unit 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.

**LEVEL 1: Focus on Photography**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

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

- B. All photos must be labeled as follows:

1. Camera used
2. Journal # (if using card stock to mount pictures)
3. Photo # (left to right, 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.

**Note: 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: 3-5 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: 3-5 story format
15. Photo Journal Page 64: 3-5 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 exhibit (75 percent).

**LEVEL 2: Controlling the Image**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

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

- B. All photos must be labeled as follows:
  1. Camera used
  2. Journal # (if using card stock to mount pictures)
  3. Photo # (left to right, 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)- **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 subjects with different shutter speeds (explained in manual pg. 10).
  3. Photo Journal Page 16: 6 photos
  4. Photo Journal Page 20: 6 photos- 3 photos explained in manual pg. 18Photo Journal Page 24: 5 photos
  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: 3-5 photos
  11. Photo Journal Page 48: 1 photo
  12. Photo Journal Page 52: 3-4 photos
  13. Photo Journal Page 56: 2 photos
  14. Photo Journal Page 60: 3 story
  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 exhibit (75 percent).

**LEVEL 3: Mastering Photography**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed e-record. Include the following in your story: what camera you used this year (brand name, film size, etc.), how you stored your pictures and why you picked your display photo. **(Also include photos of you working on your project in the e-record photo page.) Completion pf pages 4-7 in the manual.**
- B. All photos must be labeled as follows:
  1. Camera used
  2. Journal # (if using card stock to mount pictures)
  3. Photo # (left to right, 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)- **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 photo
  12. Photo Journal Page 52: 4 photos
  13. Photo Journal Page 56: 3 photos
  14. Photo Journal Page 60: 3-5 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 exhibit (75 percent).

#### UNIT 4: Lightning Photography

Jr. / Int. / Sr.

##### Exhibit will consist of the following:

- A. Completed e-record. Include the following in your story: what camera you used this year (brand name, film size, etc.), how you stored your pictures and why you picked your display photo. **(Also include photos of you working on your project in the e-record photo page.) Completion of pages 4-7 in the manual.**
- B. All photos must be labeled as follows:
  1. Camera used
  2. Exposure Details
  3. Photo # (left to right, top to bottom)
  4. Subject
  5. Date Photo Taken
- C. Three 5" x 7" 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 picture is no larger than 8" x 10".
- F. Attached to the back of the picture should be:
  1. Name
  2. County
  3. Date, Time, and location of photo
  4. Make and model of camera
  5. Shutter speed and aperture setting
  6. ASA film speed (for film cameras) or ISO resolution setting (for digital camera).
- G. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of exhibit (75 percent).

#### UNIT 6: Advanced Photography

Jr. / Int. / Sr.

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

##### 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 illustrates 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 the quality of the information completed in the e-record (50 percent) and quality of exhibit (50 percent).

**Note: COLORADO 4-H PHTO CONTEST- Open to all 4-H members. Photos must be taken in Colorado. Requirements will be in the Contest Requirements. Counties will need to submit one photo from each category- Jr., Int., Senior. Judging for this contest will take place during the regular judging of exhibits at state fair.**

#### Section #6: Filmmaking

##### Project Exhibit Rules:

1. Animation: a film created by techniques that simulate movement from individual images.
2. Narrative: a film which tells a story. It can be based on fact or fiction.
3. Documentary: a film which presents 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. All videos will be uploaded to a Colorado 4-H Secure website. A link will be shared for uploading the video.

<b>CLASS #1: Animation</b>	Jr. / Int. / Sr.
<b>CLASS #2: Narrative</b>	Jr. / Int. / Sr.
<b>CLASS #3: Documentary</b>	Jr. / Int. / Sr.
<b>CLASS #4: Promotional</b>	Jr. / Int. / Sr.
<b>CLASS #5: Voices of 4-H History</b>	Jr. / Int. / Sr.

##### All exhibits will consist of the following:

- A. Completed e-Record and binder including story board.
- B. Video must be less than 10minutes in length.
- C. Make sure your video is in good taste (like G and PG ratings). Videos will be disqualified if deemed to have questionable content. 4-H Code of Conduct must be followed.
- D. Videos will be uploaded to a Colorado 4-H Secure website\*. Members must supply the following information
  1. Name
  2. County
  3. Title
  4. Class
  5. 4-H Age
  6. Short Description
- 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).

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

#### Section #7: Scrapbooking

##### Project Exhibit Rules:

1. Youth may exhibit in one or all classes that they choose.
2. For those member who are exhibiting several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.

**CLASS #1: Scrapbooking One Page Layout** Jr. / Int. / 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 techniques list  
 Intermediates: at least two (2) techniques from the album techniques list  
 Seniors: at least three (3) techniques from the album technique list.  
 Create a page that is pleasing to the eye, items are cluttered and colors are appropriate to subject matter.
  - 2. Exhibited in a three-ring binder or scrapbook binder.
- C. Journaling and tilting must be included on the one page.
- D. If memorabilia are utilized, it must be placed in an archival safe sleeve.
- E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**CLASS #2: Scrapbooking Two Page Layout**

Jr. / Int. / 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 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 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 techniques list."
  - 3. Exhibited in a three-ring binder or scrapbook binder.
- C. Journaling and tilting must be included on the one page.
- D. If memorabilia are utilized, it must be placed in an archival safe sleeve.
- E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**CLASS #3: Scrapbooking Album**

Jr. / Int. /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. 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 page, 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 exhibited 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.

**Intermediates: 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.

**Seniors: 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. Two (2) enlarged photos (minimum size 5 x 7), one must be black and white or sepia
5. Inking/ Stamping/Coloring
6. Create a border
7. Fibers
8. Buttons or beads
9. Eyelets or brads
10. Rub-ons or embossing
11. Craft Punches
12. Chipboard
13. Dimensional design (may use another technique to create dimensional design, such as die-cut and stamping. Does not count as two techniques.)
14. Two-page layout, coordinated 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).

**CLASS #4: Scrapbooking- Card Making (Int. and Sr. ONLY)**

Int. /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).

## Section #8: Woodworking

### Project Exhibit Rules:

1. Units 1, 2, and 3 in Woodworking have very specific restrictions on the tools used in building the article to display. This is done for reasons of safety and to provide a fair comparison among projects in a unit. An exhibit that shows evidence of not following these restrictions will not be ranked in the top-ten placings.
2. **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.
3. For large exhibits- like beds- Please bring only the head and foot boards. No rails
4. **Please notify the State 4-H Office if exhibit is oversized.**

### UNIT 1: Measuring Up

Jr. / Int. / Sr.

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

### UNIT 2: Making the Cut

Jr. / Int. / 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.

### UNIT 3: Nailing it Together

Jr. / Int. / 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. Article made with power tools other than those listed will not be ranked in the top-ten placing.

### UNIT 4: Finishing Up

Jr. / Int. / 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 articles 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).

#### Section #9: Visual Arts

##### Project Exhibit Rules:

- 1. **Exhibit your best art design**
- 2. There is no limit for years of participation in a unit.
- 3. Ready to Hang for pictures means- wire secured and heavy enough to hold the picture. NO TAPE!!!
- 4. The Visual Arts project has two manuals, Portfolio Pathways and Sketchbook Crossroads. Portfolio Pathways has three chapters: Chapter 1, Painting; Chapter 2, Printing; and Chapter 3, Graphic Design. Sketchbook Crossroads has three chapters: Chapter 1, Drawing; Chapter 2, Fiber Arts; and Chapter 3, Sculpture.

**CLASS #1: Portfolio Pathways (Painting, Printing)** Jr. / Int. / Sr.

**CLASS #2: Portfolio Pathways (Graphic Design)** Jr. / Int. / 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 in 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 exhibit (75 percent).

**CLASS #3: Sketchbook Crossroads (Drawing, Fiber and Sculpture)** Jr. / Int. / 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 Drawing, Fiber and Sculpture. Provide pictures of all the 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. 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 exhibit (75 percent).