

## DIVISION 17: FAMILY CONSUMER SCIENCE

### Section #1: Cake Decorating

#### Project Exhibit Rules:

1. Cake should be placed on a very firm, disposable surface, cut parallel to the shape of the cake and must be 1/2" on each side from the base of the border, not the cake. The surface should be covered. Freezer paper is not advised because it absorbs grease. The cake board must be covered with a food safe material- such as aluminum foil. If you use a decorative or gift wrap paper or fabric, it must be covered in food quality plastic wrap.
2. It is recommended that members learn the basic cake decorating skills included in Unit 1-3 before taking any of the more advanced units. Youth may then select the unit which includes the skills they wish to learn. Units 4-6 do not have to be taken in order as numbered and are for Jr., Int., and Seniors. **Units 7-9 do not have to be taken in order as numbered and are for Intermediates and seniors. Units 10-12 are for Senior members only.**
3. **Real** cakes are required for Units 1-6. Cake forms are preferred for exhibits in Units 7-10, as they hold up better under state fair conditions.
4. Once a 4-H member has received a placing in the top 10 or a grand champion, they need to move to another unit because they have mastered the skills in this unit. Also, if a member repeats a unit they must show what new skill they have learned by repeating the unit.
5. **No Non-edible material can be used in Units 1-6.**
6. Lower Units (2-3) in Cake Decorating should not use Royal Icing or Rolled Fondant as the base frosting. Fondant may be used only for the 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 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.

#### UNIT 1: Edible Cake Decorating

Jr. / Int. / 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" round or square or 9" x 13" 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 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 on 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).

## UNIT 2: Single Layered Cake

Jr. / Int. / 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. 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 decorated single layer **real** cake (8" or 9" or 10" round or square or 9" x 13" rectangle cake) 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 can 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 on 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).

## UNIT 3: Two-Layered Cake

Jr. / Int. / 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. 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 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 **real** cake (8" or 9" or 10" round or square or 9" x 13" rectangle cake) using three to five different types of tips in decorating. You must use the writing, star, and leaf tips, but may also use other tips, if you choose. Spatula and brush striping are optional. **One fourth of the top of cake should be visible to show smooth base.** Do not use flowers made on a flower nail or materials other than frosting in decorations. No fondant or royal icing may be used as icing or decorations on the cake. No cake forms can be used. **Only required tip work can be used in Unit 3. No non-edible material can be used on 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).

#### UNIT 4: Character Cake

Jr. / Int. / 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 character cakes must be real):
  - 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 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 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 on 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: Themed Cupcakes

Jr. / Int. / 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 four batches of cupcakes (can either be themed, stacked, or character), plus the exhibit cupcakes, for a minimum of five baking and decorating experiences. **(TOTAL OF 5)**
  - 1. Occasion for use
  - 2. Size or shape
  - 3. Four batches of cupcakes
  - 4. Techniques used
  - 5. Tips used and where
  - 6. Edible materials used
  - 7. Cost to buy similar cakes
  - 8. Any problems you had

**Be sure to put the cost of your four cupcakes batches and exhibit cupcake on the expense page in the e-Record.**

- C. Include photos or drawings of the four required batches in addition to photos of you working on your project in the record photo page.
- D. A minimum of 3 and a maximum of 6 regular size (2 ¾ inches) cupcakes in liners. Cupcakes should be decorated using frosting and edible materials. Fondant and royal icing can be used only for decorations. Cupcakes should be of a similar theme (themed cupcakes mean that there is a central idea between all the cupcakes. Example: animal theme, flower theme, Disney characters cupcakes do not have to be all the same). Place each decorated disposable in a disposable 6-cup muffin tin or a disposable container that matches the theme and is no larger than 10" round (example: tea cups, ice cream cones, etc.). Please label with the exhibitor name and county. No non-edible materials can be used.
- E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

#### UNIT 5: Stacked Cupcakes

Jr. / Int. / 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 four required batches of cupcakes (can either be themed, stacked, or character), plus the exhibit cupcakes, for a minimum of five baking and decorating experiences. **(TOTAL OF 5)**
  - 1. Occasion for use
  - 2. Size or shape
  - 3. Four batches of cupcakes
  - 4. Techniques used
  - 5. Tips used and where
  - 6. Edible materials used
  - 7. Cost to buy similar cakes
  - 8. Any problems you had
- C. Include photos or drawings of the four required batches in addition to photos of you working on your project in the record photo page.
- D. Stacking Cupcakes: Creating one design where cupcakes are stacked on top of each other and decorated. (Experiment with using mini cupcakes and regular sized when stacking.) Non-visible supports can be used to hold stacked cupcakes. Cupcakes are decorated using frosting and edible materials. Fondant and royal icing can be used for decorations only. Cupcakes should be secured to a sturdy board (secured with frosting) for display. Board size should be appropriate to design (use guideline for cakes- maximum of 9" x 13".) No non-edible materials can be used.
- E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**UNIT 5: Character Cupcakes**

Jr. / Int. / 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 four batches of cupcakes (can either be themed, stacked, or character), plus the exhibit cupcakes, for a minimum of five baking and decorating experiences. **(TOTAL OF 5)**
  - 1. Occasion for use
  - 2. Size or shape
  - 3. Four batches of cupcakes
  - 4. Techniques used
  - 5. Tips used and where
  - 6. Edible materials used
  - 7. Cost to buy similar cakes
  - 8. Any problems you had
- C. Include photos or drawings of the four required batches in addition to photos of you working on your project in the record photo page.
- D. Character Cupcakes are multiple individually decorated cupcakes that come together to create the character- (if a cupcake is removed) the design or character will be ruined. Another way to describe character cupcakes is any design that cannot be displayed in a cupcake pan as individual cupcakes. Design should be one dimension- No stacking. Cupcakes are decorated using frosting and edible materials. Fondant and royal icing can be used for decorations only. Cupcakes should be secured to a sturdy board (secured with frosting) for display. Board size should be appropriate to design (use guideline for cakes- maximum of 9" x 13".) No non-edible materials can be used.
- E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**UNIT 6: Cut- Up Cakes**

Jr. / Int. / 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 four-required cut-up cakes plus the exhibit cake(**TOTAL OF 5**) (All 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 cakes
  8. Any problems you had

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

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page. **Patterns or diagrams for all required cakes must be included in e-Record.**
- D. One decorated cut-up cake using **three different types** of decorator tips (not different sizes of the same tips). (edible materials may also be used- non-edible materials cannot be used to decorate.) Cake board must be cut parallel to the shape of the cake and not exceed 2' x 2' maximum limit. Non-edible internal supports are allowed but must not show. No non-edible materials can be used.
- E. **Bottom base board 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 7: Flat Surface and Nail Flowers**

Int. / 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 cut-up cakes 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. Edible materials used
  7. Cost to buy similar cakes
  8. Any problems you had

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

- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- D. One 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 boarder and one side trim learned in this unit. No fondant.
- E. **Side trim is required**
- F. **Bottom base board 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).

**UNIT 8: Fondant**

Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.
- B. Include the following information in the Cake Decorating e-Record on the four cakes plus the exhibit cake (**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 cakes
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 inch round or square covered in fondant and decorated using skills learned from Units 3-7 and fondant and gum paste decorations.
- E. **Bottom base board 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 9: Lily Nail Flowers**

Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.
- B. Include the following information in the Cake Decorating e-Record on the four cakes plus the exhibit cake **(TOTAL OF 5)** (at least 2 of the 4 must be real cakes). **Exhibit cake must be covered with fondant.**
  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 cakes
  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, or 10 inch cake or cake form using an example of string work and a flower made on a lily flower nail.
- E. **String work required. Writing is not string work.**
- F. **Bottom base board 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).

**UNIT 10: Tiered Cakes (Seniors ONLY)**

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 and 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 cakes
  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 board 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 11: Molds (Seniors ONLY)**

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 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 four required cakes 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).

**UNIT 11: Molds (Seniors ONLY)**

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 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' x 1' area or consist of more than three times.**
- 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).

Section #2: Clothing Construction

Project Exhibit Rules:

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 with little to no experience. 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 caused 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 due 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 samples (s) mounted (on 8 1/2"x 11" heavy paper). **No photos of experiments are allowed. Fabric must be attached.** Experiments may be repeated in a subsequent year if 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 except for 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 that 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 #1: 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 article 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 #2: 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 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 article 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

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

- CLASS #3: Simple Top Jr. / Int. / Sr.
- CLASS #4: Simple Bottom Jr. / Int. / Sr.  
(pants, pajama bottoms, shorts, skirts)
- CLASS #5: Simple Dress Jr. / Int. / Sr.

Exhibits will consist of the following:

- A. 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
  - 4. A list of all the garments or article made
  - 5. Percent of fiber content of each garment or article made
  - 6. 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 5-percent cotton-blend fabric. Exhibit should be a simple pattern with **no more than five pattern pieces** without set-in sleeves, zippers, collars, or button holes.

### Clothing STEAM 2

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

- CLASS #6: Top Jr. / Int. / Sr.  
(vest acceptable)
- CLASS #7: Bottoms Jr. / Int. / Sr.  
(pants or shorts)
- CLASS #8: Skirt Jr. / Int. / Sr.
- CLASS #9: Dress Jr. / Int. / Sr.  
(not formal wear)
- CLASS #10: Romper Jr. / Int. / Sr.  
(romper or jumpsuit)
- CLASS #11: Two-Piece Outfit Jr. / Int. / Sr.

Exhibits will consist of the following:

- A. 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 article 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 2. Exhibits must 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, **cuffs** or button holes.

### Unit 7- Sewing for Others

#### CLASS #12: Unit 7: Sewing for Others

Jr. / Int. / Sr.

#### Exhibits 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 article 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 completed e-record (25 percent).

### Unit 8- Recycled Clothing

#### CLASS #13: Unit 8: Recycled Clothing

Jr. / Int. / Sr.

#### 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 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 article 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.
- E. Project will be evaluated on the quality of construction techniques (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: Cotton

CLASS #14: Cotton or Cotton Blend

Int. / Sr.

CLASS #15: Synthetics

Int. / Sr.

CLASS #16: Wool and Wool Blends

Int. / Sr.

CLASS #17: Silk and Silk-like

Int. / Sr.

CLASS #18: Specialty Fabrics

Int. / Sr.

**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 article made
  2. Percent of fiber content of each garment or article made
  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 wool-blend, 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 construction techniques (75 percent) and completed e-record (25 percent).

Section #3: Artistic Clothing

***Projects will be judged EARLY. Judging will be on July 12<sup>th</sup>.***

Project Exhibit Rules:

1. Requirement: All exhibit garments must be labeled with name, age, county, and unit of the 4-H member. Labels must be attached at the inside of the neckline or at the waistband of skirts and pants. Information must be written on a label and securely attached to the 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 #1: Applied**

Jr. / Int. / 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, appliques, 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 #2: Stitched**

Jr. / Int. / 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 may be hand-or-machine-stitched. Example: machine or hand sewing, such as adding a collar or skirt, applique- satin 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 #3: Combination**

Jr. / Int. / 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 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).

**UNIT 5: Creative Sewing****CLASS #4: Costumes**

Jr. / Int. / Sr.

**CLASS #5: All Other Exhibits**

Jr. / Int. / 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. 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.

## UNIT 7: Create Your Own

### CLASS #6: Create Your Own

Int. / Sr.

Exploration of Textiles and Clothing

#### 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. Goals
  2. Plans
  3. Accomplishments
  4. 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 the information completed in the e-record and written description (50 percent), and quality of construction for the item or quality of display board (50 percent).

## UNIT 8: Buymanship

### CLASS #7: Buymanship

Int. / 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. 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).

## Section #4: Foods and Nutrition

#### Project Exhibit Rules:

1. With these new foods manuals, a member must stay in the manuals for up to three years.  
*It is recommended that members should start with Cooking 101 and then go on to Cooking 201 to learn basic food preparation skills before taking the more advanced units.*
2. Include a copy of the recipe used and attach securely to the e-Record. No commercial mixes are to be used.
3. Bring food items on sturdy paper plates and/or covered heavy cardboard in a zipper-locked bag for display of food exhibits when possible. Plates and pans will not be returned. Food items should be covered securely.
4. Only completed e-Records and canned goods will be returned.
5. If recipe in manual is used, may need to adjust for high altitude.
6. Food items that show signs of mold growth or need refrigeration would not be safe to eat at time of judging and will not be accepted.
7. **Members may exhibit in one or all classes from the unit that they are enrolled in. Each exhibit will need an e-record.**

8. Bacon is not acceptable in baked goods because the heat during the cooking process might not penetrate the meat thoroughly enough. Large pieces or chunks of cheese or a large proportion on or in recipes is not acceptable either.

**9. For those members who are exhibiting more than one item in a unit, they may copy their e-record. Each exhibit must have an e-record. Be sure to highlight what you are exhibiting in your e-record.**

### UNIT 1: Cooking 101

#### 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. Food 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 exhibit (75 percent).

#### Members can exhibit is one or more of the following classes:

**CLASS #1: No Bake Cookies**

Jr. / Int. / Sr.

- E. Four no bake cookies of one recipe that is no-bake or made using stovetop or microwave.

**CLASS #2: Baked Bar Cookies**

Jr. / Int. / Sr.

- E. Four baked bar cookies of one recipe

**CLASS #3: Cookies**

Jr. / Int. / Sr.

- E. Four bakes, 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).

### UNIT 2: Cooking 201

#### 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. Food 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 exhibit (75 percent).

#### Members can exhibit is one or more of the following classes:

**CLASS #4: Quick Breads**

Jr. / Int. / Sr.

- E. One loaf quick bread any size (Not yeast bread).

**CLASS #5: Scones**

Jr. / Int. / Sr.

- E. Four scones of one recipe

**CLASS #6: Muffins**

Jr. / Int. / Sr.

- E. Four muffins of one recipe

### UNIT 3: Cooking 301

#### 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. Food 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 exhibit (75 percent).

**Note: 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 #7: Shortened Cakes** Jr. / Int. / Sr.

E. One shortened cake without frosting.

**CLASS #8: Yeast Rolls** Jr. / Int. / Sr.

E. Four kneaded yeast rolls of one variety and shape or four cinnamon rolls.

**CLASS #9: Creative Yeast Bread** Jr. / Int. / Sr.

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

**CLASS #10: Party Planning** Jr. / Int. / Sr.

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

**UNIT 4: Cooking 401**

**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. Food 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 exhibit (75 percent).

**CLASS #11: Flatbread** Jr. / Int. / Sr.

E. Four flatbreads of one variety and shape.

**CLASS #12: Double Crust Pie** Jr. / Int. / 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 #13: Celebration Meals** Jr. / Int. / Sr.

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

**UNIT 25: Outdoor Cooking and Living**

**CLASS #14: Outdoor Cooking and Living** Int. / 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 in 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 exhibit (75 percent).

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

**UNIT 35: Passport to Foreign Cookery**

**CLASS #15: Passport to Foreign Cookery** Int. / 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 If 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 Food 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.**

### Section #5: Food Preservation

#### Project Exhibit Rules

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

Ascorbic acid dip  
 Hot pack-thin syrup  
 Boiling water bath canned  
 35 minutes at  
 5,000 feet  
 September 2017

GREEN BEANS

Hot pack, ½ tsp salt  
 Pressure canned at  
 12 ½ pounds  
 25 minutes at  
 5,000 feet  
 July 2018

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, 8hours  
 July 2018

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.

**UNITS 40 & 41: Freezing and Drying**

**CLASS #1: Freezing and Drying**

Jr. / Int. / 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 or 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 copy of test results for Chronic Wasting Disease (CWD test mandatory and a copy placed in binder/notebook).
  4. One-half cup of dried fruit.
  5. One-half cup of dried vegetables.
- 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).

**UNIT 42: Boiling Water Canning**

**CLASS #2: Boiling Water Canning**

Jr. / Int. / 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. 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).

**UNIT 43: Pressure Canning**

**CLASS #3: Pressure Canning**

Jr. / Int. / 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. One jar of canned vegetables.
  2. One jar of spaghetti sauce without meat.
  3. One jar of canned dried beans.
  4. One jar of canned tomato sauce.
  5. One jar of canned meat.
  6. One jar of canned meat sauces (example: spaghetti sauce with meat, chili 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:

[www.colorado4h.org/projects\\_resources/StateFairExhibitsReq.pdf](http://www.colorado4h.org/projects_resources/StateFairExhibitsReq.pdf) - look under Display Hints and Tips and Project Tips.

Section #6: Heritage Arts

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 same name, age and county of the 4-H member attached. Information must be written on cloth and attached securely to each garment/piece.  
*Note: Small (less than 6" x 6") or delicate items should be mounted on an 8" x 10" foam core board.*
3. It is to the member's advantage to include in the record a band from the skein of any commercial yarn or thread used in the project. This is helpful to judges when evaluating the project.
4. All exhibits using patterns must have the pattern or a clear copy securely attached to the record, as this is useful to the judges when evaluating the project.  
*Note: All Colorado State Fair silk items or garments will be displayed only with permission and an acknowledgement of possible fading caused by display lights. If forms are not available or are unsigned, the garment will not be displayed.*
5. Members are encouraged to select a project what 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, except for Miscellaneous Heritage Arts-Non-Fiber.*

**Crochet**

**CLASS #1: Crochet**

Jr. / Int. / 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 (14-18) three or more references.
- 3. Include the gauge used on your item.
- 4. If a pattern was used, secure a copy of the pattern to the e-record.
- C. One piece or set of up to three coordinated pieces illustrating skills learned.
- D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Miscellaneous Heritage Arts- Fiber (Weaving, Spun skeins, Felted bags, Batiked fabric, Hooked pillows, Navajo rugs, Macramé, etc.)**

**CLASS #2: Fiber Arts**

Jr. / Int. / 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 (14-18) 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 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, Navajo 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 #3: Non-Fiber Arts**

Jr. / Int. / 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 (14-18) 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, with no yarn or fabric, illustrating skill learned. Can be ethnic-specific to a culture, country or region. (Example: Native American beading, silver smithing, Ukrainian eggs, paper scrolling, wood carvings, 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 #4: Knitting**

Jr. / Int. / 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 (14-18) 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 what was learned.
- D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**Needle Arts****CLASS #5: Needle Arts**

Jr. / Int. / 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 (14-18) 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 what was learned. Exhibit may be framed or mounted.
- 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 #6: Quilting- UNIT 1**

Jr. / Int. / 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 (14-18) 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 applique.
- 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 #7: Quilting- UNIT 2

Jr. / Int. / 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 (14-18) 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. Exhibited items must be quilted- hand, machined, 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 #8: Quilting- UNIT 3

Jr. / Int. / 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 (14-18) 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 item illustrating that 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 #9: Quilting- UNIT 4- Original Design

Jr. / Int. / 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 (14-18) 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. Exhibited 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).

#### Section # 7: Home Environment

#### 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.
4. UNITS 1 and 2, Home Environment  
An accessory is a small decorative piece (not furniture such as end tables, night stands, sofas, chairs or window and floor coverings) which adds spice to a room. Examples: lampshades, picture frames, trays, small jewelry boxes, shadow boxes, small collectibles, vases, candlesticks, etc.  
A household item is a small useable piece (not furniture such as end tables, night stands, sofas, chairs or window and floor coverings). Examples: wastebaskets, canisters, planters, foot stools, etc.

**UNIT 1: Home Environment**

**CLASS #1: Home Environment – Unit 1**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Home Environment e-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or re-useable items you used this year.
- B. Include the following information on the Home Environment page.
  1. Provide pictures of other recycled items made during your project (a minimum of at least 2 photos). These are in addition to the photo required in the e-record.
- C. Select one of the following using at least 50 percent recycled or reused items (no furniture):
  1. Centerpiece for table
  2. Planter
  3. Room or desk organizer
  4. Decorative accessory for the home (see description)
  5. Household item (see description)
  6. Wall Hanging 3' x 2'
- 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).

**UNIT 2: Home Environment**

**CLASS #2: Home Environment – Unit 2**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Home Environment e-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or re-useable items you used this year.
- B. Complete Color Activity #2 on page 4 of your manual and attach you results as an additional sheet in the e-Record.
- C. Include the following information on the Home Environment page.
  1. Provide pictures of other recycled items made during your project (a minimum of at least 2 photos). These are in addition to the photo required in the e-record.
- D. Select from either A or one item from B for your exhibit.
  - A. Standard communication board (bulletin board- 3' x 2')
  - B. OR Select one exhibit item from the following (no furniture):
    1. Centerpiece for table
    2. Planter
    3. Room or desk organizer
    4. Decorative accessory for the home (see description)
    5. Household item (see description)
    6. Wall Hanging 3' x 2'
- 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).

**UNIT 3: Home Environment**

**CLASS #3: Home Environment – Unit 3**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Home Environment e-Record presented in a sturdy binder/notebook, including room scheme. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or re-useable items you used this year.
- B. Include the following information on the Home Environment page.
  - 1. Two or more exhibit photos showing item in place where it will be used and as a part of the total room design. These are in addition to the photos required in the e-record.
  - 2. A statement on how you improved your family's safety or a family escape plan.
- C. One Item or set from the following:
  - 1. A room design
  - 2. A wall hanging 3' x 2'
  - 3. One or set of two decorative pillow(s)
  - 4. Table linen
  - 5. Family Escape Plan
- D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**UNIT 4: Home Environment**

**CLASS #4: Home Environment – Unit 4**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Home Environment e-Record presented in a sturdy binder/notebook, including a brief description of the room scheme and how the accessory fits into the room. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or re-useable items you used this year.
- B. Include the following information on the Home Environment page.
  - 1. Provide pictures of other items made, refurbished or purchased during your project (a minimum of at least 2 photos). These are in addition to the photos required in the e-record.
  - 2. Attach up to three photos showing exhibit item(s) in use. These are in addition to the photos required in the e-record.
- C. An accessory (see definition under Units 1 and 2) which has been made, refurbished, or purchased to use in room or home (no furniture).
- D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**UNIT 5: Home Environment**

**CLASS #5: Home Environment – Unit 5**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Home Environment e-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or re-useable items you used this year.
- B. Include the following information on the Home Environment page.
  - 1. A brief description of the window treatment or bed covering you made or purchased.
  - 2. How it fits into the design scheme of the room.
  - 3. Attach up to 4 photos showing exhibit item(s) in use. These are in addition to the photos required in e-record.
- C. One piece of a window treatment or bedcover made or purchased.
- D. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**UNIT 6: Home Environment**

**CLASS #6: Home Environment – Unit 6**

Jr. / Int. / Sr.

**Exhibit will consist of the following:**

- A. Completed Home Environment e-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or re-useable items you used this year.
- B. Provide a brief description of how the piece fits into the room design.
- C. A refinished or refurbished piece of furniture. To refurbish is to restore a furniture piece to a new look by repairing damage and/or replacing seating to upholstery caused by heavy wear or neglect.
- D. Include the following information on the Home Environment page.
  - 1. Attach pictures showing the original piece, one during the refinishing or refurbishing process, and one of the completed pieces. These photos are in addition to the photos required in the e-record.
- E. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

**UNIT 7: Design Your Own**

**CLASS #7: Design Your Own- Unit 7**

Sr.

**Exhibit will consist of the following:**

- A. Completed Home Environment e-Record emphasizing your plan and accomplishments in your story presented in a sturdy binder/notebook.
- B. Exhibit can either be an item, an article, a display board or a notebook representing what you have learned in your project.
- C. Home Environment e-record must include the following information:
  - 1. Written statement including the following information:
    - a. Goals
    - b. Plan
    - c. Accomplishments
    - d. Resources used
    - e. How you shared with others
    - f. How you will evaluate whether you reached your goals
    - g. Evaluation of your project
  - 2. If exhibiting an item or article: A drawing or copy of a plan for the article exhibited must be included in the Home Environment e-Record. The drawing does not have to be an original or created by the exhibitor. The drawing or plan must include dimensions, a list of materials used, and a description of any changes made in the article's specification by the exhibitor. Reasons for changes must be described. The drawing or plan itself will not be judged. It is only for the judge's use in judging the article exhibited. If the drawing is missing, the exhibit will not be ranked in the top-ten placings. The standardized display board size of 4' x 3' is to be used with 4-H projects.
- D. Project will be evaluated on the development of a plan, goal accomplishments and evaluation and completion of e-record (50 percent), and the quality of construction or education value of exhibit (50 percent).

Section #8: Creative Arts

TRA Fair Requirements (No State Fair Entry)

Project Exhibit Rules:

- 1. Exhibit only one per entry per member. One entry is one item or set of items (a set is defined as 2 or more items that belong or are used together).
- 2. Pictures must be prepared for hanging.
- 3. If you used a kit for your project, include the kit directions in your record book (even if you changed the pattern/method from the directions).
- 4. This is a county project. The winners do not go on to State Fair.
- 5. No firearms, weapons, or knives are allowed as exhibits.
- 6. Superintendents and/or the Extension Agent has the right to reject subject matter of a sensitive nature. No images/likeness of nude or semi-nude subjects will be accepted.
- 7. Drawing and paintings are now included in Visual Arts projects

**CLASS #1: Sculpture**

Jr. / Int. / Sr.

(clay, wood, marble, wax, metal, etc.)

**CLASS #2: Paper Arts** Jr. / Int. / Sr.  
(rubber stamping, collage, paper making, paper mache, decoupage, paper tole, scrap booking, calligraphy, origami, bookbinding, block printing)

**CLASS #3: Creative Crafts** Jr. / Int. / Sr.  
(jewelry, decorative flower arrangements, hanging ornaments, craft kits, candle making, etc.)

**CLASS #4: Fabric Arts** Jr. / Int. / Sr.  
Doll craft, batik, silk painting, silk screening on fabric, (not covered in Heritage arts and Decorate Your Duds projects.))

**CLASS #5: Miscellaneous** Jr. / Int. / Sr.  
(mixed media, computer generated art, airbrushing, model kits and any other project that does not fit into one of the above listed categories/classes.)

Section # 9: Beekeeping

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

Section #10: Cloverbuds

Superintendent: Mel McConnell

**CLASS #1: Cloverbuds** Ages 5-7

Classes will not be judged but projects will be displayed at fair. Not to be judged. Participation ribbons will be awarded. Participants may also elect to have an interview. Please be specific about what will be exhibited. **No live animals are allowed.**