

## 2019 Judges Reference Chart for Family Consumer Science Projects

Use this chart to make sure that exhibits being judged meet all requirements (especially those exhibits going to state fair). **Remember that all projects are required to have a 4-H Project e-Record.**

Cake Decorating				
Project	Units	Manual	Display Board	Project and Requirements
<p>Cake Decorating All Ages 8-18 The covering used for the board must be food-safe—aluminum is a good choice</p>	1 Edible Cake	No		<p>Decorated 8", 9" or 10" square or round, 9"x13" single layer <b>real</b> cake using only edible materials for example: such as candies, pretzels, coconuts, etc., should be used to create a design.) A real cake, no cake forms should be used for exhibit in Unit 1. No decorator tips are allowed in this unit. Fondant may be used for decorations only on the cake. One fourth of the top of the cake should be visible to show smooth base. No royal icing can be used as icing or decorations on the cake. No non-edible material can be used in units 1-6. Bottom base border is required. Cakes should be placed on a very firm, disposable surface ( foam core, strong cardboard, plywood, particle board, etc.), cut parallel to the shape of the cake and no more 1 ½ " larger in dimensions of the cake. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Cake Decorating e-record is required and located at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating All Ages 8-18 The covering used for the board must be food-safe—aluminum is a good choice</p>	2 Single-Layered Cake	No		<p>Decorated single layer <b>real</b> cake (8", 9" or 10" round or square or 9" x 13") using a leaf tip, star tip and writing tip. <b>One</b> fourth of the top of the cake should be visible to show smooth base. No fondant or royal icing may be used as icing or decorations on the cake. Only required tip work can be used in Unit 2. Do not use flowers made on a flower nail or materials other than frosting in decorations. Bottom base border is required. No non-edible material can be used in units 1-6. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Cake Decorating e-record is required and located at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating All Ages 8-18 The covering used for the board must be food-safe—aluminum is a good choice</p>	3 Two Layered Cake	No		<p>Decorated 8", 9" or 10" round or square two-layered <b>real</b> cake (layers of the same size) using three to five different types of tips in decorating. Writing, star and leaf tips must be used but other tips can be used, if you choose. Spatula and brush striping are optional. One fourth of the top of the cake should be visible to show smooth base. Do not use flowers made on a flower nail or materials other than frosting. No fondant or royal icing may be used as icing or decorations on the cake. Bottom base border is required. Only required tip work can be used in Unit 3. No non-edible material can be used in units 1-6. <b>Spatula and Brush striping and Figure piping are optional. Side trim required on Exhibit Cake and on at least two practice cakes.</b> Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Cake Decorating e-record is required and located at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating All Ages 8-18 The covering used for the board must be food-safe – aluminum is a good choice.</p>	4 Character Cakes	No		<p>One decorated character cake (an entire cake which resembles the shape of a character or object made without cutting, other than 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 that are appropriate for the design. Bottom base border is required. No non-edible material can be used in units 1-6. <b>A bottom base border that frames the cake is required.</b> Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Cake Decorating e-record is required and located at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating All Ages 8-18 The covering used for the board must be food-safe—aluminum is a good choice</p>	5 Cupcakes Themed Stacked Character	No		<p><b>Themed</b>—a minimum of 3 and a maximum of 6 regular size (2 3/4inches) 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; for example: animal theme, flower theme, Disney characters; cupcakes do not have to be all the same.) Place each decorated cupcake in a disposable 6-cup muffin tin or a container that matches the theme and is no larger than 10 " round (example: tea cups, ice cream cones, etc.) Frosting must cover the cupcake and provide a base for decorations, ¼ frosting must be visible on at least one cupcake. Spatula and brush striping are optional. Please label with the Exhibitor name and county. No non-edible materials can be used. <b>Stacked Cupcakes</b>—a minimum of 4 and a maximum of 8 cupcakes creating one design \ where cupcakes are stacked on top of each other and decorated. (Experiment with using mini cupcakes and regular sized cupcakes when stacking). Non-visible supports can be used to hold stacked cupcakes. Cupcakes are decorated using frosting and edible materials. Frosting must cover the cupcake and provide a base for decorations, ¼ frosting must be visible on at least one cupcake. Spatula and brush striping are optional. Fondant and royal icing can be used for decorations only. Cupcakes should be secured to a sturdy board (foam core, strong cardboard, plywood, particle board, etc.) and secured with frosting for display. Board size should be appropriate to design (use guidelines for cakes – maximum of 9" x13" or a 14" round.). No non-edible materials can be used. Cupcakes can be stacked 2 but not more than 4 high with a maximum of 8 cupcakes total for design. A variety of sizes is allowed and encouraged.</p>

				<p><b>Character Cupcakes</b> ---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,( for example: cupcakes that create an alligator or scarecrow, etc.). Cupcakes are decorated using frosting and edible materials. Frosting must cover the cupcake and provide a base for decorations, ¼ frosting must be visible on at least one cupcake. Spatula and brush striping are optional. Fondant and royal icing can be used only for decorations. The character must be displayed on one cake board (foam core, strong cardboard, plywood, or particle board, etc.) with a maximum size of 9" x13" or 14" round. No non-edible materials can be used.</p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating All Ages 8-18 The covering used for the board must be food-safe—aluminum is a good choice</p>	<p>6 Cut-Up Cakes</p>	No		<p>One decorated cut-up cake using <b>three different types of decorating tips</b> (not different sizes of the same tips). (Edible materials may also be use—nonedible materials cannot be used to decorate.) Cake board must be cut parallel to the shape of the cake and not exceed 2'x2' maximum limit. Non-edible internal supports are allowed but must not show. Bottom base border is required. Pattern or diagram for all required cakes must be included in the e-record. <b>Bottom base border required.</b></p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating <b>Ages 11-18 Only</b> The covering used for the board must be food-safe—aluminum is a good choice</p>	<p>7 Flat Surface and Nail Flowers</p>	No		<p>One two-layered 8, 9, 10-inch cake or cake form using a minimum of: one flat surface flower, one flower made on a flat flower nail, one border and one side trim learned in this unit. No fondant. <b>Bottom base border is required. Side trim is required.</b></p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating <b>Ages 11-18 Only</b> The covering used for the board must be food-safe—aluminum is a good choice</p>	<p>8 Fondant</p>	No		<p>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. <b>Bottom base border is required.</b></p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating <b>Ages 11-18 Only</b> The covering used for the board must be food-safe—aluminum is a good choice</p>	<p>9 Lily Nail Flowers</p>	No		<p>One decorated two-layered 8, 9, 10-inch cake or cake form using an example of string work and a flower made on a lily flower nail. Bottom base border is required. <b>String work ( cornelli, sota or applique lace) required. Writing is not string work. Bottom base required.</b></p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating <b>SENIORS ONLY</b> The covering used for the board must be food-safe—aluminum is a good choice</p>	<p>10 Tiered Cakes <b>Ages14-18 Only</b></p>	No		<p>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. <b>Bottom base border is required.</b></p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating <b>SENIORS ONLY</b> The covering used for the board must be food-safe—aluminum is a good choice</p>	<p>11 Molds <b>Ages 14-18 Only</b></p>	No		<p>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.</p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Cake Decorating <b>SENIORS ONLY</b> The covering used for the board must be food-safe—aluminum is a good choice</p>	<p>12 Create Your Own <b>Ages 14-18 Only</b></p>	No		<p>A detailed notebook describing your project including your goals, plans, accomplishments and your evaluation of results. You may use pictures of any records you have kept to provide evidence of your accomplishments. This notebook is considered to be your main project exhibit and will count for 75% of the scoring. If an item was made as a part of your project, a sample may be displayed as further evidence of the quality of your project. Display must not require over 1'x1' area of consist of more than three items.</p> <p>Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%).</p> <p>Cake Decorating e-record is required and located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p> <p>PLEASE CHECK THE STATE FAIR EXHIBIT REQUIREMENTS AT: <a href="http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf">http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf</a></p> <p>FOR MORE DETAILED INFORMATION ABOUT EXHIBIT REQUIREMENTS.</p>

Remember that all projects are required to have a 4-H Project e-Record.

Clothing				
Evaluated on the construction of the article/garment/outfits				
Pattern "Instruction Guide (Sheet) is required and must be attached securely to the record. All garment constructed in units 1-3, and 8. Unit 7 –Sewing for Others – garments can be constructed for others.				
Project	Units	Manual	Display Board	Project and Additional Requirements
STEAM 1 Clothing Construction Ages 8-10 Juniors Only	1	No	No  For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.	Completed Clothing Construction e-record with pattern instruction sheet presented in a sturdy binder/ notebook. Provide the brand, number and cost of the pattern used in the clothing construction e-record. Include the cost of each garment in the Expense record of the e-record. <b>Pillowcase illustrating the skills learned in STEAM Clothing 1.</b> Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Clothing Construction e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>
STEAM 1 Clothing Construction Ages 8-10 Juniors Only	1	No	No  For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.	Completed Clothing Construction e-record with pattern instruction sheet presented in a sturdy binder/ notebook. Provide the brand, number and cost of the pattern used in the clothing construction e-record. Include the cost of each garment in the Expense record of the e-record. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Simple Pillow –No larger than 18" x 18" illustrating the skills learned in STEAM Clothing 1</b>  Clothing Construction e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>
STEAM 1 Clothing Construction All Ages 8-18 Juniors, Intermediates and Seniors	1	No	No  For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.	Completed Clothing Construction e-record with pattern instruction sheet presented in a sturdy binder/ notebook. Provide the brand, number and cost of the pattern used in the clothing construction e-record. Include the cost of each garment in the Expense record of the e-record. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Members can exhibit in one or more of the following classes:</b> Simple Top Simple Bottoms Simple Dress Clothing Construction e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>  <b>All garments must be constructed for the member.</b>
STEAM 2 Clothing Construction All Ages 8-18 Juniors, Intermediates and Seniors	2	No	No  For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class)	Completed Clothing Construction e-record with pattern instruction sheet presented in a sturdy binder/ notebook. Provide the brand, number and cost of the pattern used in the clothing construction e-record. Include the cost of each garment in the Expense record of the e-record. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Members can exhibit in one or more of the following classes:</b> Top (vest acceptable)

			<p>must have an e-record. Be sure to highlight what you are exhibiting in your e-record.</p>	<p>Bottoms Skirt Dress Romper or Jumpsuit Two-Piece Outfit</p> <p>Clothing Construction e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p> <p><b>All garments must be constructed for the member.</b></p>
<p>STEAM 3 Clothing Construction All Ages 8-18 Juniors, Intermediates and Seniors</p>	3	No	<p>No For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.</p>	<p>Completed Clothing Construction e-record with pattern instruction sheet presented in a sturdy binder/ notebook. Provide the brand, number and cost of the pattern used in the clothing construction e-record. Include the cost of each garment in the Expense record of the e-record. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Members can exhibit in one or more of the following classes (Garment or Outfit): Cotton or Cotton Blend Synthetics and Rayon Wool and Wool Blend Silk and Silk-Like Specialty Fabrics (Leather, Fur, Linen, Ramie, Hemp, Sequined, Beaded, etc.) Textile experiments—complete one experiment using the garment fashion fabric (fashion fabric must be attached –no photos). Include experiment sheet and mount the sample on 8 ½" by 11" heavy paper in the e-record.</p> <p>Clothing Construction e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p> <p><b>All garments must be constructed for the member.</b></p>
<p>Sewing for Others All Ages 8-18 Juniors Intermediates and Seniors</p>	7	No		<p>Garment or outfit Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Clothing Construction e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p> <p><b>Garments are constructed for others.</b></p>
<p>Recycled Clothing All Ages 8-18 Juniors, Intermediates and Seniors</p>	8	No		<p>Garment or outfit—must have picture of the original item Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Clothing Construction e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p> <p><b>All garments must be constructed for the member.</b></p> <p>PLEASE CHECK THE STATE FAIR EXHIBIT REQUIREMENTS AT: <a href="http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf">http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf</a></p> <p><b>FOR MORE DETAILED INFORMATION ABOUT EXHIBIT REQUIREMENTS.</b></p>

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Artistic Clothing				
Evaluated on creativity, quality of workmanship and design				
Project	Units	Manual	Display Board	Project and Additional Requirements
<p>Upcycle Your Style Applied Stitched Combination All Ages 8-18 Juniors, Intermediates and Seniors</p>	1-3	No		<p>An exhibit consisting of up to three coordinated wearable garments (no accessory items, i.e. shoes, jewelry, belts, hats, etc.) Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Artistic Clothing e-record is required and can be located at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Creative Sewing Costumes &amp; All other exhibits All Ages 8-18 Juniors, Intermediates and Seniors</p>	5	No	Note: Small items such as accessories & doll cloths are to be displayed on a showboard	<p>One-to-three coordinated items illustrating what was learned (costumes, puppets, accessories, toys, stuffed animals, book bags, sleeping bags, etc.) Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Artistic Clothing e-record is required and can be located at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
<p>Buymanship Intermediates and Seniors  Buymanship e-record—with completed activities</p>		No	Note: There are additional activities that need to be placed in the e-record.	<p>One completed outfit, including belts and scarves. No other accessories allowed. The exhibit needs to be neat, clean and pressed: ready for display. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of the exhibit (75 percent). <b>Artistic Clothing e-record is required and can be located at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p> <p>PLEASE CHECK THE STATE FAIR EXHIBIT REQUIREMENTS AT: <a href="http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf">http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf</a></p> <p>FOR MORE DETAILED INFORMATION ABOUT EXHIBIT REQUIREMENTS.</p>

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<b>Foods and Nutrition</b>			
<b>Project</b>	<b>Units</b>	<b>Manual</b>	<b>Project and Additional Requirements</b>
Foods Cooking 101 All Ages 8-18 Juniors Intermediates and Seniors	1	No For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.	Completed Foods e-record with exhibit item recipe presented in a sturdy binder/notebook. Include the follow information in the e-record; Foods prepared, number of times and special concerns. Documentation of two completed learning activities from the manual in the e-record. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Members can exhibit in one or more of the following classes: No Bake Cookies Bar Cookies Cookies <b>Foods and Nutrition e-record Units 1-4 required and can be found at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>
Foods Cooking 201 All Ages 8-18 Juniors, Intermediates, and Seniors	2	No For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.	Completed Foods e-record with exhibit item recipe presented in a sturdy binder/notebook. Include the follow information in the e-record; Foods prepared, number of times and special concerns. Documentation of one completed learning activity on food safety and one on cooking basics. These can be a demonstration, written reports or displays. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Members can exhibit in one or more of the following classes: Quick Breads Scones Muffins <b>Foods and Nutrition e-record Units 1-4 required and can be found at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>
Foods Cooking 301 All Ages 8-18 Juniors, Intermediates, and Seniors	3	No For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.	Completed Foods e-record with exhibit item recipe presented in a sturdy binder/notebook. Include the follow information in the e-record; Foods prepared, number of times and special concerns. Documentation of one completed food science experiment from the manual in the e-record. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Members can exhibit one or more of the following classes: Shortened cakes Yeast Rolls or 4 cinnamon rolls Creative Yeast Bread Party Planning <b>Foods and Nutrition e-record Units 1-4 required and can be found at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>
Foods Cooking 401 All Ages 8-18 Juniors, Intermediates, and Seniors	4	No For those members who are exhibiting in several classes, may copy their e-record. Each exhibit (class) must have an e-record. Be sure to highlight what you are exhibiting in your e-record.	Completed Foods e-record with exhibit item recipe presented in a sturdy binder/notebook. Include the follow information in the e-record; Foods prepared, number of times and special concerns. Documentation of one completed food science experiment from the manual in the e-record. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Members can exhibit one or more of the following classes: Flatbread Double Crust Pie Celebration Meals <b>Foods and Nutrition e-record Units 1-4 required and can be found at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>  <b>PLEASE CHECK THE STATE FAIR EXHIBIT REQUIREMENTS AT: <a href="http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf">http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf</a></b>  <b>FOR MORE DETAILED INFORMATION ABOUT EXHIBIT REQUIREMENTS.</b>

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Project	Units	Manual	Project and Additional Requirements
Outdoor Cooking and Living All ages 8-18	25	No	Exhibit can be: a. a box lunch of food-safe products or a representative of the product (pictures of food). b. one cup of instant drink mix properly packaged; a display illustrating what was learned about camp set-up or first aid. c. a piece of equipment made by the exhibitor Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Foods and Nutrition e-record Unit 25 required and can be found at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>
Cultural Foods Ages 11-18 Intermediates, and Seniors	30	Yes—with activities 1-2 completed, record pages completed, meal report completed	A <i>food product</i> with recipe representative of the cultural or ethnic group within the United States that you selected. Note: The food product <i>must be safe</i> to hold at room temperature during judging and display. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Foods and Nutrition e-record Unit 30 required and can be found at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>
Passport to Foreign Cookery Ages 11-18 Intermediates and Seniors	35	Yes—certain sections of the manual completed. Containing three parts: 1. A maximum of 10 pages of research and pictures on customs relating to food habits and food sources such as crops, fishing, etc. Discussion might include food shopping habits, percent of income spent for food, how the area of the country affects their diets, etc. 2. A maximum of three pages of other information about the country, i.e., climate, geography, political structure, religion, dress, etc. 3. A maximum of five pages of menus and recipes, indicating nutritional balance of a traditional meal plus page 4 in the manual	A food product with recipe that is representative of the country. Note: The food product <i>must be safe</i> to hold at room temperature during judging and display.  Project will be evaluated on the quality of the information completed in the research paper and e-record (50 percent) and quality of the exhibit (50 percent).  <b>Foods and Nutrition e-record Unit 35 required and can be found at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>
Food Preservation All ages 8-18 Juniors, Intermediates and Seniors	40-43 Except Unit 43 is for Intermediates and Seniors only	No	See State Fair Exhibit Requirements for additional information needed.  Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Foods and Nutrition e-record Food Preservation Units 40-43 required and can be found at:</b> <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>

**Remember that all projects are required to have a 4-H Project e-Record.**

Heritage Arts			
Project	Units	Manual	Project and Additional Requirements
Crochet All ages 8-18 Juniors, Intermediates and Seniors	All	No	One piece or set of up to three coordinate pieces illustrating skills learned Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Heritage Arts e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>
Miscellaneous Heritage Arts Fiber  Non-Fiber Art	All	No	Fiber Art—one piece or a set of up to three coordinated pieces, comprised of a minimum of 50 percent yarn/fabric illustrating skills learned. Can be ethnic-specific to a culture, country, or region. (example: weavings, spun skeins, felted bags, batiked fabric, hooked pillows, Navaho rugs, Needle art, Macramé, rugs etc.) Non-Fiber Art ---One piece or a set of up to three coordinated pieces with no yarn or fabric, illustrating skills learned. Can be ethnic specific—to a culture, country or region. Examples: Native American beading, sliver smithing, Ukrainian eggs, paper scrolling, wood carving, etc. Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Heritage Arts e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>
Knitting All Ages 8-18 Juniors, Intermediates and Seniors	All	No	One piece or set of up to three coordinated pieces illustrating skills learned Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Heritage Arts e-record is required and can be located at: : <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>
Quilting All Ages 8-18 Juniors, Intermediates and Seniors	All	No	Unit 1: On finished item illustrating what was learned. Items should be one of the following: simple pieced quilt, pillow sham, two placemats or a table runner, wall hanging or unlined bag. Unit 2: One finished quilt (minimum size 36" x 36" and no maximum). Quilt should demonstrate at least three skills learned (examples include a quilt label, binding, block or other piecing learned in Unit 1 or 2, etc. Unit 3: One finished item illustrating what was learned. Items should include one of the following: one finished quilt (no minimum or maximum size). Quilt should demonstrate at least three skills learned (examples include a quilt label, binding, block or type of piecing or embellishment learned from Unit 3); or one finished sample quilt (no minimum or maximum size). Quilt should include at least three types of quilts, or types of piecing, or block patterns or ways to embellish, or any combination; or exhibit item must be hand or machine quilted or a set of up to three coordinated pieces illustrating at least three advanced skills. Exhibited items must be quilted. Unit 4: One finished item illustrating the original design. Item can have traditional or artistic design. Items could include one of the following: quilt for bed, wall, table or other display (no minimum or maximum size); or wearable garment. <b>PLEASE CHECK THE STATE FAIR EXHIBIT REQUIREMENTS AT: <a href="http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf">http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf</a></b> <b>FOR MORE DETAILED INFORMATION ABOUT EXHIBIT REQUIREMENTS.</b> Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). <b>Heritage Arts e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></b>

**Remember that all projects are required to have a 4-H Project e-Record.**

Home Design and Décor		
Project	Units	Project and Additional Requirements
Home Design and Décor All Ages 8-18 Juniors, Intermediates and Seniors	1	Include the following on the Home Design and Décor page in the e-record: pictures of other recycled items made during your project ( a minimum of at least two photos). These are in addition to the photos required in the e-record. Select one of the following using at least 50% recycled or reused items (no furniture): <ol style="list-style-type: none"> <li>1. Using recycle material to make one of the following to be used outside:                             <ol style="list-style-type: none"> <li>a. Bird feeder or Birdhouse</li> <li>b. Wind chimes</li> <li>c. Picnic caddy</li> </ol> </li> </ol> OR <ol style="list-style-type: none"> <li>2. Using at least 50% recycled or reused items (no furniture) to make one of the following items to be used inside the house:                             <ol style="list-style-type: none"> <li>a. Centerpiece for table</li> <li>b. Planter</li> <li>c. Room or desk organizer</li> <li>d. Decorative accessory for the home (see definition in exhibit requirements)</li> <li>e. Household item (see definition)</li> <li>f. Wall hanging (3'x 2')</li> </ol> </li> </ol> Completed Activity 2 –Color wheel from the manual placed in the e-record  Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Home Design and Décor e-record is required and can be located: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>
Home Design and Décor All Ages 8-18 Juniors, Intermediates and Seniors	2	Include the following information on the Home Design and Décor page in the e-record: <ol style="list-style-type: none"> <li>1. Two or more exhibit photos showing items 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.</li> <li>2. A statement on how you improved your family's safety or a family escape plan.</li> </ol> One item or set from the following: <ol style="list-style-type: none"> <li>1. Communication Board (3'x2')</li> <li>2. Room or design organizer</li> <li>3. A wall hanging (3' x2')</li> <li>4. Decorative accessory</li> <li>5. Household item (see definition)</li> <li>6. Family escape plan</li> </ol> Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Home Design and Decor e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>
Home Design and Décor All Ages 8-18 Juniors, Intermediates and Seniors	3	Select one of the following for an exhibit: <ol style="list-style-type: none"> <li>1. A refinished or refurbished piece of furniture . A refurbish is to restore a furniture piece to a new look by repairing damage and/or replacing seating or upholstery caused by heavy wear or neglect. Refinishing is when you strip off the old finish and apply a new finish or color that was not original to that piece of furniture.                             <ol style="list-style-type: none"> <li>a. Attach pictures showing the original piece, one during the refinishing or refurbishing process, and one of the completed pieces. These photos are in addition to the photos required in the re-record.</li> <li>b. A brief description of how the piece(s) fit into the room placed in the e-record.</li> </ol> </li> </ol> OR <ol style="list-style-type: none"> <li>2. Select from one of the items below to exhibit:                             <ol style="list-style-type: none"> <li>a. A brief description of the window treatment or bedcovering you made or purchased that includes how it fits into the design of the room and if purchased why?</li> <li>b. Attach up to 4 photos showing the exhibited item (s) in use in the room. These are in addition to the photos required in the e-record.</li> </ol> </li> </ol> OR <ol style="list-style-type: none"> <li>3. An emergency weather plan for your family. Where would you go? What type of items would you have in case of emergency? What personal items would you take with you? Place the emergency plan in the e-record.</li> </ol> Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Home Environment e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a>

<p>Home Design and Décor All Ages 8-18 Juniors, Intermediates and Seniors</p>	<p>4</p>	<p>Select one from the following for an exhibit:</p> <ol style="list-style-type: none"><li>1. Design board (art board, corrugated plastic, etc.) 22" x 30". Foam core or foam board for mounting samples. The design board will include samples of paint, fabric, flooring, etc., for the room you are designing.</li></ol> <p>OR</p> <ol style="list-style-type: none"><li>2. Job Shadow Exhibit –display board (3' x 4') demonstrating what profession you are interested in and who you job-shadowed (profession, job title, or person shadowing, what you learned from the experience, and if you still want to be in the profession, why or why not? Include pictures or any record you have kept providing evidence of your job shadow experience.</li></ol> <p>OR</p> <p>Portfolio Exhibit –</p> <ol style="list-style-type: none"><li>a. A physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work.</li><li>b. Written explanation that demonstrates knowledge of the related career or business field, potential careers, and the appropriate requirements for achievement in that field.</li></ol> <p>An accessory you have made that is refurbished or purchased to use in your room. (Make sure the accessory meets the qualification under Unit 1 &amp; 2) Project will be evaluated on the quality of information completed in the e-record (25%) and quality of the exhibit (75%). Home Environment e-record is required and can be located at: <a href="http://co4h.colostate.edu/program-areas/projects/e-records-general/">http://co4h.colostate.edu/program-areas/projects/e-records-general/</a></p>
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