

2019 Judges Reference Chart for General/Natural Resource Projects

Use this chart to make sure that exhibits being judged meet all requirements (especially those exhibits going to state fair).

Animal Science—e-records can be located at: <http://co4h.colostate.edu/program-areas/projects/e-records/>

Project	Units	4-H Project e-Record	Manual	Display board only	Other
Vet. Science Airedales to Zebras Ages 8-18	1	Yes-Vet. Science e-record	Yes Airedales to Zebras With appropriate sections completed	Yes 4ft x 3ft-- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. additional pages for completion of experiential questions and for booster shot activities Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Vet. Science All Systems Go! Ages 8-18	2	Yes-Vet. Science e-record	Yes All Systems Go! With appropriate sections completed	Yes 4ft x 3ft -- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. additional pages for completion of experiential questions and for booster shot activities Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Vet. Science On the Cutting Edge Ages 8-18	3	Yes- Vet. Science e-record	Yes On the Cutting Edge With appropriate sections completed	Yes 4ft x 3ft-- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. additional pages for completion of experiential questions and for booster shot activities Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Horseless Horse Making Horse Sense All ages 8-18 Revised Manual	1	Yes- Horseless Horse e-record	Yes Unit 1 with completed questions	Yes 4ft x 3ft-- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Horseless Horse Hooves, Health & Horsemanship All ages 8-18 Revised Manual	2	Yes- Horseless Horse e-record	Yes Unit 2 with completed questions	Yes 4ft x 3ft- no additional items may be included on or in front of display -	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Horseless Horse Breaking Ground Revised Manual	3	Yes- Horseless Horse e-record	Yes Unit 3 with completed questions	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Horseless Horse Brushing Up on Horses Revised Manual	4	Yes- Horseless Horse e-record	Yes Unit 4 with completed questions	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Cats	1	Yes-Companion Animal e-record	No	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Cats	2	Yes-Companion Animal e-record	No	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Cats	3	Yes-Companion Animal e-record	No	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).

Biological Sciences-e-records can be located at: <http://co4h.colostate.edu/program-areas/projects/e-records-general/>

Project	Unit	4-H Project e-Record	Manual	Display board only	Other
Gardening See Them Sprout Ages 8-18	1	Yes-Gardening e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. additional pages for completion of activities Project will be evaluated on the quality of information completed in the manual and e- record (25 percent) and quality of exhibit (75 percent).
Gardening Let's Get Growing Ages 8-18	2	Yes-Gardening e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. additional pages for completion of activities Project will be evaluated on the quality of information completed in the manual and e- record (25 percent) and quality of exhibit (75 percent).
Gardening Take Your Pick Ages 8-18	3	Yes-Gardening e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. additional pages for completion of activities Project will be evaluated on the quality of information completed in the manual and e- record (25 percent) and quality of exhibit (75 percent).
Gardening Growing Profits Senior Only	4	Yes- Gardening e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board illustrating a topic investigated during the project year. Project will be evaluated on the quality of information completed in the manual and e- record (25 percent) and quality of exhibit (75 percent).

Mechanical Science –e-records can be located at: <http://co4h.colostate.edu/program-areas/projects/e-records-general/>

Project	Units	4-H Project e-Record	Manual	Display board only	Other
Computer Science & Programming	J, I, S	Yes Computer e-record	Yes manual	Display Board, Programming or Stand-Alone 4ft x 3ft- no additional items may be included on or in front of display	A completed exhibit consists of ONE of the following: 1. Display board illustrating a topic learned as part of the 4-H project. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. 2. Programming Exhibit (a printed copy of a digital presentation is required and placed in e-record). Electronic equipment will be used during judging time and will not remain on display during the fair. Programs available online (such as Scratch) should include a link to the specific project you have created. a. Beginning Programming – a simple program using Scratch (or other simple graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse. b. Intermediate Programming –a program using Scratch (or other simple graphic programming language) that you have downloaded from the Internet and modified/ Compare the two programs and demonstrate the changes you made to the original program; OR create an animated storybook or video game using Scratch (or other simple graphical programming language). c. Advanced Programming –an original program using higher level programming language such as Python, Javascript. C++, etc. 3. Stand-Alone Exhibit demonstrating a skill learned or an item developed. For example, a Makey Makey keyboard or a micro-controller project. All stand-alone projects are subject to risks of display at county and state fair if eligible. Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Computers in the 21 st Century	Ints. & Srs only	Yes Computer e-record	Yes Manual	Display Board or Stand-Alone 4ft x 3ft- no additional items may be included on or in front of display	Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent). Be sure to check the exhibit requirements at: http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf
Electric Magic of Electricity Ages 8-18	1	Yes Electric e-record	Yes With appropriate sections completed	Yes or article 4ft x 3ft	Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent). Display or article not both
Investigating Electricity Ages 8-18	2	Yes Electric e-record	Yes With appropriate sections completed	Yes or article 4ft x 3ft- no additional items may be included on or in front of display	Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent). Display or article not both
Electric Wired for Power Ages 8-18	3	Yes Electric e-record	Yes With appropriate sections completed	Yes or article 4ft x 3ft- no additional items may be included on or in front of display	Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent). Display or article not both
Electric Entering Electronics Ages 14-18 Seniors Only	4	Yes Electric e-record	Yes With appropriate sections completed	Yes or article 4ft x 3ft - no additional items may be included on or in front of display	Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent). Display or article not both
Model Rocketry For all age groups 8-18	1-4 6	Yes Model Rocketry e-record	Yes— Unit 3-pages 31-35; Unit 4-pages 14-18 and Unit 6-pages 35-39		Rocket on base (make sure meets requirements) Make sure that rocket relates to skill level. Check the exhibit requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Model Rocketry e-record is required and can be located at: http://co4h.colostate.edu/program-areas/projects/e-records-general/ Revised Manuals for Units 1 and 2 All rocket fins must be made from balsa in Units 1-3.

					Project will be evaluated on the quality of information completed in the manual and e-record (25 percent) and quality of exhibit (75 percent).
Robotics For all age groups 8-18	Units 1-3	Yes Robotics e-record	No	Display Board or Stand-Alone Items	Check the state fair requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Robotics All Ages 8-18	Units 4-7	Yes Robotics e-record	No	Display Board	Check the state fair requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Small Engines For all age groups 8-18	1-3	Yes- Small Engines Units 1-3 e-record	Yes—make sure appropriate section in manual are completed in each unit	Yes 4ft x 3ft- no additional items may be included on or in front of display	Additional item ok Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Advanced Engines For all age groups 8-18	4	Yes- Small Engines Unit 4 e-record	No	Yes 4ft x 3ft- no additional items may be included on or in front of display	Emphasis your accomplishments in your story Tractor can be taken under advanced engines Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Advanced Small Engines Unit 4 e-record is required and can be located at: http://co4h.colostate.edu/program-areas/projects/e-records-general/

Natural Resources-can be located at: <http://co4h.colostate.edu/program-areas/projects/e-records-general/>

Project	Unit	4-H Project e-Record	Manual	Display board only	Other
Entomology For all age groups 8-18	1-6	Yes- Entomology e-record	Entomology Workbook (old record book) is required and can be located at: http://co4h.colostate.edu/ projects/manuals/RD150 0_EntomologyWorkbook. pdf		Check insect collection for proper box and number of insects according to units Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Entomology Advanced For all age groups 8-18	7	Yes Entomology e-record	Entomology Workbook (old record book) is required and can be located at: http://co4h.colostate.edu/ projects/manuals/RD150 0_EntomologyWorkbook. pdf	Yes 4ft x 3ft-	no additional items may be included on or in front of display Emphasize your accomplishments in your story Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Outdoor Adventures Hiking Trails Ages 8-18	1	Yes Outdoor Adventures e-record	Yes ---with appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Outdoor Adventures Camping Adventures Ages 8-18	2	Yes Outdoor Adventures e-record	Yes—with appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Outdoor Adventures Expedition Backpacking Expeditions Ages 8-18	3	Yes Outdoor Adventures e-record	Yes—with appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Shooting Sports Ages 8-18	For all disciplines	Yes Shooting Sports e-record (Has all the disciplines and supplements)	No (For those members who are exhibiting both a display board and a stand-alone they may copy their e-records.)	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display and/or Stand Alone Check the exhibit requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Stand-alone items must not exceed 3 feet in width and depth and 7ft in height. The item must be stable when standing in order to be displayed. If an exhibit is larger than these dimensions you may use a notebook as the exhibit and explain how and what was made. Shooting Sports Inventory Record Sheet Required and Discipline Record Sheet required for each discipline

					Shooting Sports discipline e-records can be located at: http://co4h.colostate.edu/program-areas/projects/e-records-general/
Sportsfishing Take the Bait Ages 8-18	1	Yes Sportfishing e-record For those members who are exhibiting both a display board and a stand-alone they may copy their e- records.	No Fishing Trip Journal required –See State Fair Exhibit Requirements	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display and/or Stand Alone —hooks must be removed from lures and jigs when displayed Check the exhibit requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Stand-alone items must not exceed 3 feet in width and depth and 7ft in height. The item must be stable when standing in order to be displayed. If an exhibit is larger than these dimensions you may use a notebook as the exhibit and explain how and what was made.
Sportsfishing Reel in the Fun Ages 8-18	2	Yes Sportfishing e-record For those members who are exhibiting both a display board and a stand-alone they may copy their e- records.	No Fishing Trip Journal required –See State Fair Exhibit Requirements	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display and /or Stand Alone —hooks must be removed from lures and jigs when displayed Check the exhibit requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Stand-alone items must not exceed 3 feet in width and depth and 7ft in height. The item must be stable when standing in order to be displayed. If an exhibit is larger than these dimensions you may use a notebook as the exhibit and explain how and what was made.
Sportfishing Cast into the Future 8-18	3	Yes Sportfishing e-record For those members who are exhibiting both a display board and a stand-alone they may copy their e- records.	No Fishing Trip Journal required –See State Fair Exhibit Requirements	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display and/or Stand Alone —hooks must be removed from lures and jigs when displayed Check the exhibit requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Stand-alone items must not exceed 3 feet in width and depth and 7ft in height. The item must be stable when standing in order to be displayed. If an exhibit is larger than these dimensions you may use a notebook as the exhibit and explain how and what was made.
Wildlife Ages 8-18	All Units	Yes Wildlife e-record For those members who are exhibiting both a display board and a stand-alone they may copy their e- records.	No	Yes 4ft x 3ft- no additional items may be included on or in front of display	A display board showing education information about a topic of interest related to wildlife. Possible topics could include but not restricted to: species found in Colorado, wildlife habitats, role of predators, types of bird feeders, or urban wildlife challenges. OR, instead of display board, exhibit may be a stand-alone item, such as a wildlife diorama, scrapbook with wildlife information, pictures and news, a bird feeder or bath, or wildlife track molds. Display items should illustrate something learned in the project this year. Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Communications, Arts and Leisure Sciences—e-record can be located at: <http://co4h.colostate.edu/program-areas/projects/e-records-general/>

Project	Unit	4-H Project e-Record	Manual	Display	Other
Ceramics All Ages 8-18	1—Glazes	Yes Ceramics e-record			Ceramic piece/set with a technique sheet for each piece made. Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Bisque Option (already cleaned and fired)
Ceramics All ages 8-18	2—Under-glazes	Yes Ceramics e-record			One piece or set with a technique sheet for each piece made Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Bisque Option (already cleaned and fired)
Ceramics All ages 8-18	3---Overglazes	Yes Ceramics e-record			One piece or set with a technique sheet for each piece made Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Ceramics All ages 8-18	4—Unfired Finishes	Yes Ceramics e-record			One piece or set with a technique sheet for each piece made Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent). Bisque Option (already cleaned and fired)
Ceramics All ages 8-18	5 –Porcelain Dolls	Yes Ceramics e-record			One piece or set with a technique sheet for each piece made Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Ceramics All ages 8-18	6—Hand Constructed in Stoneware	Yes Ceramics e-record			One piece or set with a technique sheet for each piece made Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Global Citizenship Study of Another Country All ages 8-18	1	Yes Global Citizenship e-record	Be sure to include the completed questions from the manual	No Display Boards	Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the contents of the notebook (75 percent). Additional information needed to answer the questions from the manual
Global Citizenship Host a Delegate from Another Country	2 Ages 8-18	Yes Global Citizenship e-record	Be sure to include the completed questions from the manual	No Display Boards	Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the contents of the notebook (75 percent). Additional information needed to answer the questions in the manual

Communications, Arts and Leisure Sciences Continued

Project	Unit	4-H Project e-Record	Manual	Display	Other
Global Citizenship Teen Counselor for Inbound International Delegation Ages 11-18	2	Yes Global Citizenship e-record	Be sure to include the completed questions for the manual	No Display Boards	No DISPLAY BOARDS Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the contents of the notebook (75 percent). Additional information needed to answer the questions in the manual
Global Citizenship Exchange Delegate to Another Country Ages 11-18	3	Yes Global Citizenship e-record	Be sure to include the completed questions for the manual	No Display Boards	No DISPLAY BOARDS Projects will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the contents of the notebook (75 percent). Additional information needed to answer the questions in the manual
Leadership Ind. Skills for Younger Members Ages 8-13	1	Yes Leadership e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display board summarizing a skill area, activity or leadership topic the member learned. Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Leadership Road Trip	2	Yes Leadership e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display board summarizing a skill area, activity or leadership topic the member learned. Or Video summarizing a skill area, activity or leadership topic the member learned Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Put Leadership to Practice	3	Yes Leadership e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display board summarizing a skill area, activity or leadership topic the member learned. Or Video summarizing a skill area, activity or leadership topic the member learned Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Refining Leadership Skills	4	Yes Leadership e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display board summarizing a skill area, activity or leadership topic the member learned. Or Video summarizing a skill area, activity or leadership topic the member learned Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).
Community Service	5	Yes Leadership e-record	Yes With appropriate sections completed	Yes 4ft x 3ft- no additional items may be included on or in front of display	Display board summarizing a skill area, activity or leadership topic the member learned. Or Video summarizing a skill area, activity or leadership topic the member learned Project will be evaluated on the quality of the information completed in the e-record (25 percent) and quality of the exhibit (75 percent).

Communications, Arts and Leisure Science Continued

Project	Unit	4-H Project e-Record	Manual	Tools	Display	Other
Leathercraft All ages 8-18	1	Yes Leathercraft e-record	No	Stamping Tools Note: No carving, solid-color dye, color shading and or antiquing is permitted.	Exhibit 3 articles: One each from categories below. Place the exhibit items on a board 12"x18"x1/8" or 1/4" (preferably pegboard) to which items are attached by means of lacing or thread: 1. One article or one set of articles on flat leather with no lacing or stitching, examples –bookmark, wrist bracelet, set of coasters. 2. One article with at least two pieces of leather that are sewed together with lace using a whip stitch or running stitch. Pre-cut kits or self-cut leather may be used. Examples: Key case or knife sheath. 3. One article with at least two pieces of leather that are sewed together with cord stitching. Use pre-cut kits with pre-punched holes— example: coin purse. 4. Apply a clear finish to complete your article.	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leathercraft All ages 8-18	2	Yes Leathercraft e-record	No	Check for use of swivel knife, camouflage tool, pear shadow, beveller, veiner, seeder, backgrounder and decorative cuts Note: no pictorial carving (framed pictures) or figure carving (realistic animal and human figures). No staining/antiquing, solid color dyeing or shading is permitted.	Exhibit Board 12"x18"x1/8" or 1/4" (preferably pegboard) 1. Sample of swivel knife and camouflage 2. Steps shown in Sample 1 3. Steps shown in Sample 1 & 2 4. Clear finish applies to Sample 3	Two completed articles using tools and skills studied in Units 2, which include lacing (at least one with double loop lacing). Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leathercraft All ages 8-18	3	Yes Leathercraft e-record	No	Major Skills: Carved conventional design, inverted carving techniques, beginning dyeing, simple molding and shaping or hand stitching. Note: no pictorial carving (framed pictures) or figure carving (realistic animal and human figures). No staining/antiquing, solid color dyeing or shading is permitted.	One completed carved article or set which includes at least one major skill. Background dyeing, antiquing and two-tone finishing can only be used in this unit.	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leathercraft All ages 8-18	4	Yes Leathercraft e-record	No	Major Skills: Figure carving, embossing or filigree work. Beginning dyeing and staining according to Unit 3 are acceptable, but color shading and solid color dyeing will not be permitted on this article	Any article or set, other than a picture, of either conventional or realistic design, demonstrating one of the major skills learned in this unit. Background dyeing, antiquing and two-tone finishing s are optional in this unit.	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leathercraft All ages 8-18	5	Yes Leathercraft e-record	No	Note: All dyeing, shading, and antiquing are optional after Unit 5.	One completed article or matching set, other than a picture, which demonstrates advance-carving skills and is colored by solid color dyeing, block dyeing or shade dyeing. The design can be either conventional or realistic carving.	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).

Leathercraft All ages 8-18 A	6	Yes Leathercraft e-record	No	The article may be left natural color or it may be stained or colored according to any of the methods taught in previous units	One framed or mounted carved leather picture (scene or portrait –not clocks) or a matching set, suitable for wall hanging	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leathercraft All ages 8-18	7	Yes Leathercraft e-record	No		One completed saddle. The leather may be either tooled or untooled and may be finished in any suitable fashion	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leathercraft All ages 8-18 Advanced Stamping	8	Yes Leathercraft e-record	No		One completed article or matching set using creative stamping	This is an advanced unit now. Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leathercraft All ages 8-18	9	Yes Leathercraft e-record	No	Exhibit must use non-tooled and non-sewn leather working techniques	One article or matching set illustrating construction by lacing, braiding, expanding, sculpting, untooled leather construction or leather at technique	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Leather craft All ages 8-18	10	Yes Leathercraft e-record	No		One completed article or garment made by sewing	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Focus on Photography All ages 8-18	1	Yes Photography Levels 1-3 e-record	Completed pages 4-7 in manual	Level 1 –a minimum of 60 photos and maximum of 66 photos. Display photo will be used for displaying. Juniors only –can choose 7 photo activities from Numbers 2-16 to present in a notebook. Suggested to start at 2 and work down.	Photos in a hard back 3 ring notebook— Do not count down if a small notebook is used. Prints as describe in Exhibit Requirements Photos can be placed on the journal pages in the manual or on separate paper.	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Controlling the Image All ages 8-18	2	Yes Photography Levels 1-3 e-record	Completed pages 4-7 in manual	48-51 prints Use a hardback, three-ring notebook up to 3 inch size for all units – Do not count down if a small notebook is used.	Photos in a hard back 3 ring notebook— Do not count down if a small notebook is used. Prints as described in Exhibit Requirements Photos can be placed on the journal pages in the manual or on separate paper.	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Mastering Photography All ages 8-18	3	Yes Photography Levels 1-3 e-record	Completed pages 4-7 in manual	48-50 prints –plus a brochure Use a hardback, three-ring notebook up to 3 inch size for all units – Do not count down if a small notebook is used.	Photos in a hard back 3 ring notebook— Do not count down if a small notebook is used. Prints as described in Exhibit Requirements	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Lightning Photography	4	Yes Lightning Photography Unit 4 e-record	No	Three photos can be taken from any of these categories: lightning, night-time, fireworks, and moon-light, long exposure and high speed exposure	Three 5"x7" photos matted on a mat, No other mounted materials (i.e. glass, wood plastic, metal, etc.) can be used. For example: 2 lightning, one moon-light, or one lightning, one firework and one long exposure, etc.	Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).

Advanced Photography	6	Yes Photography Unit 6 e-record	No	<i>Notebook which illustrates achievements Use a hardback, three-ring notebook up to 3 inch size for all units –Do not count down if a small notebook is used.</i>	Display photo—may be up to 5"x7" in size but not larger than 8"x10" matted. This photo will be used for displaying and must be matted.	Emphasis in your story about your accomplishments Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
4-H Filmmaking A project by itself	Categories: Animation Narrative Documentary Promotional Voices of 4-H History	Yes Filmmaking e-record	No		A. Completed e-record and binder including story board. B. Video must be less than 10 minutes in length. C. Make sure your video is in good taste (similar to G and PG ratings). Videos may be disqualified if deemed to have questionable content. 4-H Code of Conduct must be followed. E. A link must be provided to view the video. Members must supply the following information: 1. Name 2. County 3. Title 4. Class 5. 4-H age 6. Short Description	F. Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Scrapbooking	8-18	Yes Scrapbooking e-record For those members who are exhibiting both a display board and a stand-alone they may copy their e-records	No		One Page Layout: 1. Seniors shall complete Senior Project on page 32 of manual for a single page layout rather than the specified two-page layout. Place information in the e-Record on the Specific Information page. 2. Complete activities 1, 2, & 3 in manual and place in record book. One-page layout scrapbook page 8 ½" x 11" or 12"x12". 1. Page shall contain the following techniques: Juniors ; at least two (2) techniques from the album technique list; Intermediates; at least two (2) techniques from the album technique list; Seniors; at least three (3) techniques from the album technique list. Create a page that is pleasing to the eye, items are not cluttered and colors are appropriate to subject matter. Journaling and titling must be included on the one page. If memorabilia is utilized, it must be placed in an archival safe sleeve. Two Page Layout: 1. Seniors shall complete Senior Project on page 32 of manual for a single page layout rather than the specified two-page layout. Place information in the e-Record on the Specific Information page. 2. Complete activities 1, 2, & 3 in manual and place in record book. Designated Two-page layout in 8 ½" X 11" or 12" x 12". Formatted to go together in a set (a two-page spread) that is coordinated by color and design which follows a theme with good logical order. 1. "Place two-page layout in appropriately sized binder in protective sleeve-archival safe." 2. "Pages should contain the following techniques: Juniors; at least two (2) techniques from the album technique list; Intermediates; at least Album: A minimum of 8 pages (front and back) for a total of 16 pages. Pages are exhibited between a front and back cover. Mark pages where the techniques are located so the judge can easily find them. Activity sheets 1, 2, and 3 in page protectors in the back of the album. Journaling: a. correct spelling; b. who, what, where and how –description on the page; c. titling ; d. at least one had written journal entry must be included in the album. Album should follow a theme and be in good logical order. Be sure to list where the techniques are located in the book in the front of the album. Juniors are required 5 techniques, Intermediates 9 techniques and Senior 15 techniques. Please check the requirements for the list of techniques: http://www.colorado4h.org/project_resources/StateFairExhibitReq.pdf Card Marking: Intermediates and Seniors only. A set of 4 different handmade cards following a theme with a maximum size of 4"x6" per card displayed on a 12"x12" board. No commercial based cards can be used. Four techniques are required on the cards. Techniques shall be labeled on the back of the board. Check the exhibit requirements for the list of techniques. Check the exhibit requirements at: http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).	
Woodworking Measuring Up All ages 8-18	1	Yes Woodworking e-record	No		Article and plan (drawing) Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent). Woodworking e-record located at: http://co4h.colostate.edu/program-areas/projects/e-records-general/	

Woodworking Making the Cut All ages 8-18	2	Yes Woodworking e-record	No		Article and plan (drawing) Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent). Woodworking e-record located at: http://co4h.colostate.edu/program-areas/projects/e-records-general/
Woodworking Nailing it Together All ages 8-18	3	Yes Woodworking e-record	No		Article and plan (drawing) Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent). Woodworking e-record located at: http://co4h.colostate.edu/program-areas/projects/e-records-general/
Woodworking Finishing Up	4	Yes Woodworking e-record	No		Article and plan (drawing) Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent). Woodworking e-record located at: http://co4h.colostate.edu/program-areas/projects/e-records-general/
Visual Arts Portfolio Pathways All ages 8-18	Portfolio Pathways	Yes Visual Arts e-record	No	Exhibit their best Art design	Minimum of two art techniques under the media of painting, printing or graphic design. Provide pictures of all completed art techniques in e-record Exhibit –Oil and acrylic paintings should be no larger than 16"x24" and ready to hang (no frames should be used). Watercolor paintings should use small matte and be framed with glass. The framed watercolor should not be larger than 16"x24". Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).
Visual Arts Sketch Crossroads All ages 8-18	Sketch Crossroads	Yes Visual Arts e-record	No	Exhibit their best Art design	Minimum of two art techniques under the media of drawing, fiber and sculpture. Provide pictures of all completed art techniques in e-record. Exhibit—Framed drawings shall be no larger than 16'x24" including frame and ready to hang. Fiber art should be framed and ready to hang and no larger than 16"x24". Project will be evaluated on the quality of information completed in the e-record (25 percent) and quality of exhibit (75 percent).