

2022

4-H General Projects Fair Supplemental Book



Written for the Maricopa County Fair

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This book is to be used in conjunction with the **Maricopa County Fair 4-H Department Rules and Entry Information**. *The words in italics are the descriptions of the division taken from the County Rule Book.*

General Rules

1. Check this book first, but if still have questions, call or email the coordinator.
2. This year we have included the birth year for each of the age divisions. If a member was born at any time during that year, register in that age division. Please make sure each exhibitor is entering the correct age division.
3. Juniors are members who are 8-10 years old (born in 2011, 2012, or 2013), Intermediate members are 11-13 years old (born in 2008, 2009, or 2010), and Seniors are members who are 14-19 years old (born in 2002, 2003, 2004, 2005, 2006 or 2007) before January 1, 2021.
4. Most limits on the number of exhibits have been removed this year.
5. The Self-Determined division has been removed. If you have done a project that does not fit into any other division, please contact the coordinator

Selling Items

Exhibitors may choose to sell their item(s). Item must be marked for sale on the entry and a sale price included. The fair will retain 10% commission on each item sold. All sales MUST go through the fair office – no direct sales allowed.

If an exhibitor wishes to sell any of their exhibits, they must check the box on the entry form that notes that they wish to sell. A sale price must also be included in the entry. Items that the exhibitor would like to sell will be prominently displayed with the sale price attached. Anyone will be able to purchase the items through the 4-H staff or coordinator during the run of the fair. The buyer will pick up their items at the time of project release. The exhibitor will still get the ribbon they have been awarded. If the item does not sell, the exhibit will be returned to the exhibitor. Any money earned in sales will be sent out to the exhibitor, via check, a few weeks after the fair has concluded.

Judging Interview (General Projects Showmanship)

Each exhibitor will have the opportunity to talk with a judge, share what they have learned, discuss any struggles they had with their project, explain their project, and get some expert feedback. Each exhibitor is expected to meet with at least one judge. If an exhibitor enters in more than one division, they may interview with up to four judges, but only one is required. Exhibitors will be contacted to sign up for an interview time. Judging of the exhibits will be done after all the exhibits have arrived and exhibitors have left.

New this year: Once all registrations are received, a sign-up will be sent out. Each exhibitor will select their own time to interview. The interview is not about each exhibit, but a chance for members to talk about their project as a whole, using their exhibit to highlight their yearlong work. Members will also use this time to mention anything they feel the judge should know about their exhibits before judging. The interview will never lower a score on an exhibit; the score can only be improved. If it helps, consider that the interview is really just General Projects Showmanship.

DIVISIONS

Group/Club Exhibits

**The purpose of a club exhibit is to display one item in which multiple members have worked on together. The display item should not be comprised of individual items grouped together. Those should be entered individually by each exhibitor. If multiple members worked on a project exhibit, please enter it in the appropriate division. This division is for group exhibits that do not fit into another division.*

Example: At a meeting, each member created their own painting. All the paintings are the same. In this case, each member should be entered as an individual in the division and class that is appropriate for that type of exhibit and the correct age division (Fine Art, acrylic).

Example: Three members worked together on a poster about dairy goats. In this case, each member should enter the poster as an individual in the division and class that is appropriate for that type of exhibit and the correct age division

(Animal science, dairy goat). Your description should read “Group Exhibit” and include the names of members who contributed. This exhibit will be entered three times, judged once, and have three of the same ribbons awarded.

Example: At a meeting, the entire club worked on a club quilt. Each member contributed a square for the quilt and then worked together to assemble the quilt. In this case, each member should enter the project as an individual in the division and class that is appropriate for that type of exhibit and the correct age division (Quilting, blanket). Your description should read “Group Exhibit” and include the names of members who contributed. This exhibit will be entered many times, judged once, and have many of the same ribbons awarded.

Example: At a meeting, the entire club worked together to create a poster about their club. In this case, there is no other division or class for this poster, so the poster should be entered as a group/club exhibit. It can be entered under any one (and only one) representative member or you can create an exhibitor with your club name and enter under that. This exhibit will be entered one time, judged once, and one ribbon awarded.

Cloverbuds

Division 4200: Cloverbuds (Born in 2014, 2015, 2016)

All members ages 5-7 must enter their exhibits as a Cloverbud, even if that member was a part of a regular project. This is a non-competitive division, and all entries will receive participation ribbons. Please refer to the Group/club Exhibit Division for more detailed instructions on entering group exhibits.

There is a class for group exhibit in the Cloverbud division, so if it is determined that an exhibit should be entered as a group/club (see description of Group/Club Exhibits above), enter in class 101 Cloverbud Group.

Animal Science

Exhibits may not contain live animals. Entries can be a diorama, experiment, formal writing, model, poster, printed material, project related item, slide show, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about an animal.

Classes include Beef, Cat, Cavy, Dairy Cattle, Dairy Goat, Dog, Horse, Meat Goat, Poultry/Pigeon, Pygmy Goat, Rabbit, Sheep, Small Pets, Swine, Veterinary Science, and Other.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Personal Development

Exhibits can include a diorama, formal writing, portfolio, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Citizenship, Leadership, Service Learning, and Other.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Creative Writing

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project. Written exhibits must be mounted to poster board, inserted into page protectors or in a binder. Story must be written this year as a part of your project work, not from last year's record book.

Classes include Play/script, Poem, Story, Portfolio, Journalism, Educational Exhibit, and Other. All writing should be able to be read in a few minutes. If the writing is too long, submit an excerpt from the piece instead. Loose sheets of paper will not be accepted. Please make sure to mount writing or place in a sheet protector, folder or binder. Writing can be illustrated or include photographs, but the judging will be done on the writing.

Portfolio and Journalism are new to this division. Play/script, Poem, Story, Portfolio and Journalism should be actual writing samples. Educational Exhibits are those exhibits that teach or show what has been learned about creative writing.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division

Performing Arts

Exhibits are expected to be a video (performance or filmmaking) on a flash drive placed in a Ziplock bag. Videos can also be uploaded as a private video on YouTube with the URL written on an index card. Educational exhibits can include a diorama, formal writing, model, portfolio, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Dance, Drama, Modeling, Music, Public Speaking, Filmmaking, Portfolio, Educational Exhibit and Other. All performances should be able to be viewed in a few minutes. If the performance is too long, submit an excerpt from the piece instead. Other performers may be in the selection, but please clearly indicate which performer is being evaluated.

Modeling, Music and Portfolio are new to this division. Dance, Drama, Modeling, Music, Public Speaking and Filmmaking should be a video performance. Educational Exhibits are those exhibits that teach or show what has been learned about performing arts. Other can include a costume (this class was removed this year) or anything you did as a part of your project that does not fit the other classes. Portfolio should be a video of multiple performances that highlight the exhibitors skills.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Graphic Design

Exhibits are expected to be a visual display of the graphic design. Web pages will need to be submitted with the URL written on an index card. Educational exhibits can include a diorama, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Advertising, Music Cover Art, Page Layout, Poster, Web Design, Portfolio, Educational Exhibit, and Other. Advertising, Music Cover Art, Page Layout and Poster can be the original work or a printed copy. (For example: You can enter a full size poster or you can print out the poster on 8x11 paper.) These will all be judged as printed material. Web Design will be judged as a web page and Portfolio as a portfolio. Educational Exhibits are those exhibits that teach or show what has been learned about graphic design.

Scrapbook and yearbook page have been moved from Photography to Graphic Design as a Page Layout. These will still be judged as printed material. If you wish for them to be judged by the photography on the page, please enter it under Photography as a Photo Story or if you wish for the whole book to be judged, please enter it under Related Arts and Crafts as a Medium Project

Loose sheets of paper will not be accepted. Please make sure to mount paper or place in a sheet protector, folder or binder.

Since this is a new division, the classes might not include everything. Please enter anything that does not fit into the classes in the Other class.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Fine Art

2-D Artwork should be attached to a mat board leaving a border around the outer edge. Artwork can be framed but must be wire hung. Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes includes Acrylics, Ceramics, Charcoal, Digital Illustration, Mixed Media, Oils, Pastel or Chalk, Pen or Ink Wash, Pencil, Portfolio, Printmaking, Scratch Board, Sculpture, Watercolor, Educational Exhibit and Other. Educational Exhibits are those exhibits that teach or show what has been learned about fine art.

Please contact the coordinator if the artwork is larger than 16x20.

The Ceramics class was moved from the Arts and Crafts Division. If you feel that your ceramics project is more of a craft than a fine art, please contact the coordinator.

Digital illustration, Portfolio, and Educational Exhibit are new classes. Digital Illustration can be submitted as a pdf on a flash drive that has been placed into a labeled ziplock bag or as a printed page. If the digital illustration is printed, it must be mounted or framed.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Photography

**Prints must be no smaller than 5"X7".*

**All prints must be mounted securely to black or white mat board, no thicker than 1/8". DO NOT use foam board, window mats, or frames.*

**All entries must be labeled on the back of the mat with the following: Name, age, type of camera used, and printing process used (by self in lab, by self on computer, by a print shop, by a web service, etc.)*

**An explanation of any alterations made should be attached to the back of the mat.*

** Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.*

Classes include General Photography, Manipulated Images, Special Photography Techniques, Studio Photography, Photo Story, Portrait, Portfolio, Calendar, Educational Exhibit, and Other.

If you wish to enter a print larger than 16x20, please contact the coordinator.

The class for scrapbook and yearbook page layout has been moved to the new Graphic Design division and is called Page Layout. If you would like the photos from a page layout to be judged, you can enter that under the Photo Story class.

General photography is the class where most of the photographs will be entered. Please keep in mind there a limit of 10 photographs in general photography. Simple changes like cropping, color and amount of light are not considered manipulations.

Manipulated images should have been manipulated on software or in the development process. Manipulations can include (but are not limited to) using photo software to add or remove a specific part of the photo (not just a crop), merging two or more photos, adding effects, etc.

Special photography techniques can include (but are not limited to) panoramic, time lapse photography, night photography, etc. When using one of these techniques, you should be using a special setting or mode on the camera.

Studio Photography includes setting up a photo using backdrops, lighting or props. This does not need be done in a professional studio and can include any subject matter. The expectation is that the exhibitor has set up all aspects of the

photo including subject, background, lighting, etc. If you feel like your studio photography is a portrait, you may enter it in either class, but not both.

Photo Story should be a collection of photos that together tell a story. The photographs will be judged individually and as a collection. Captions can be included. This can be a scrapbook or yearbook page, just remember that only the photos and their impact are being evaluated. All photos or pages should be mounted or displayed in a protective sheet protector.

Portrait is a photograph of a person or animal. The exhibitor should be the one setting up the shot and posing the subject. This can be in a studio setting with a backdrop or in different setting (like outside). Portraits should be posed and set up rather than just a good candid photo of a person or animal.

Calendar should include 12 different photographs all taken by the exhibitor and should have a theme of some kind. (buildings, animals, nature, plants, sunsets, etc.) You may have the photos printed as a calendar or you may mount all 12 shots together with a title.

Educational Exhibits are those exhibits that teach or show what has been learned about photography.

See the Exhibit Description section of this book for descriptions of listed exhibits (including portfolio). Please make sure you are entering the correct age division.

Needle and Fiber Art

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Crochet, Cross Stitch, Embroidery, Felting, Finger Weaving, Knitting, Latch Hook, Loom Weaving, Needle Point, Spinning, Portfolio, Educational Exhibit, and Other. Portfolio and Educational Exhibit are new classes this year. Educational Exhibits are those exhibits that teach or show what has been learned about needle and fiber art.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Leathercraft

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project

Classes include Small Project (kit), Small Project (non-kit), Medium Project (kit), Medium Project (non-kit), Large Project (kit), Large Project (non-kit), Portfolio, Educational Exhibit, and Other.

A kit will include all the materials, tools and instructions you need to complete the project. A non-kit will be the exhibitor's own design.

Small Projects might be items like key fobs, coasters, coin purses, bookmarks, bracelets, etc. Medium Projects might be items like belts, dog collars, wallets, etc. Large Projects might be items like holsters, scabbards, purses, etc.

Portfolio and Educational exhibit are new classes this year. Educational Exhibits are those exhibits that teach or show what has been learned about leathercraft.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Related Arts and Crafts

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Small Project (kit), Small Project (non-kit), Medium Project (kit), Medium Project (non-kit), Large Project (kit), Large Project (non-kit), Portfolio, Educational Exhibit, and Other. These classes have been completely changed from previous years. Rather than being judged based on what the craft is made of, now all crafts will be judged on the same criteria. Most projects will be judged on the same criteria, but scrapbook and flower arrangement have their own scoring rubric.

This division can be anything you consider crafts. In the past classes have included jewelry, scrapbooks, origami, flower arrangements, soaps, candles, models, mosaics, dolls, puppets, etc.

A kit will include all the materials, tools and instructions you need to complete the project. A non-kit will be the exhibitor's own idea or design.

Small Projects might be items like soap, origami, bookmarks, bracelets, etc. Medium Projects might be items like belts, card, model car, wallets, etc. Large Projects might be items like flower arrangement, decoration, purses, etc. If you are unsure where to enter your project, please contact the coordinator.

Portfolio and Educational exhibit are new classes this year. Educational Exhibits are those exhibits that teach or show what has been learned about related arts and crafts.

The Ceramics class has been moved to fine art. If you feel that your ceramics project is more of a craft than a fine art, please contact the coordinator.

Scrapbooks can be entered here. If you would prefer to have a page judged on the photographs (see the Photography division) or on the page layout (see the Graphic Design division), please enter them in the appropriate division.

Flower arranging can be considered a craft if the exhibitor uses paper, plastic or fabric flowers. If you wish to use fresh or dried flowers, please enter in the horticulture division.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Family and Home

Exhibits can include a diorama, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, web page, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Child Development, Consumer Education, Cultural Understanding, Entrepreneurship, Health and Fitness, Interior Design, Life Skills, Money Management, and Other. Health and fitness is now a class, rather than its own division.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Quilting

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Blanket, Clothing Item, Decorative Item, Wall Hanging, Portfolio, Educational Exhibit, and Other. Pillow was a class in the past, but it would now be considered a decorative item. Portfolio and Educational Exhibit are new classes this year. Educational Exhibits are those exhibits that teach or show what has been learned about quilting.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Sewing

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Individual Garment, Garment Set, Outer Garment, Household Item, Portfolio, Educational Exhibit, and Other. These classes have been simplified this year. Portfolio and Educational Exhibit are new classes this year. Educational Exhibits are those exhibits that teach or show what has been learned about sewing.

An Individual Garment is any individual item that is worn including shirts, shorts, pants, dresses, skirts, aprons, one-piece costumes, vests, dog clothes, etc. A Garment Set is any set of 2 or more items that are worn including pajamas, suits, outfits, costumes, etc. An Outer Garment is an item worn outside of other garments including coat, jacket, robe, etc. A Household Item is any item that you would find in a house including, tote bags, pillows, curtains, decorations, toys, etc.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Cake Decorating

Entries must be on a stiff support or disposable plate. No containers used for transport will be stored during the fair. 100% of the decorations must be made by the exhibitor. Store purchased decorations are not acceptable to use. Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Edible cake, Any cookie, Decorated cupcakes, Non-Edible cake, Portfolio, Educational Exhibit, and Other. Portfolio and Educational Exhibits are new classes this year. Educational Exhibits are those exhibits that teach or show what has been learned about cake decorating.

All items will be disposed of after fair. If you do not wish to have your item disposed, you MUST contact the coordinator in advance. Any containers used for display or non-edible bases that you wish to pick up after fair, must be labeled with the members name and club.

Edible Cake must be completely edible. Any Cookie and Decorated Cupcake must be a set of 6 that are all decorated the same. The judge is looking for consistency in decorating. Non-Edible cake means that the base is a non-edible material (like Styrofoam). The decorations must still be edible.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Baking

All entries must be on a stiff board or plate and covered securely or in a closed container marked with your name. All entries must include a recipe card. Cakes, pastry, and breads should be left whole. Submit 8 each of cookies, candy, biscuits, muffins, and rolls. These items in this division may not be displayed in a refrigerator. Educational exhibits can include a diorama, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Cookies, Rolls, Biscuits, Muffins, Cake, Bread, Pastry item, Candy, Recipe Book, Other item not listed, and Educational Exhibit. Educational Exhibits are those exhibits that teach or show what has been learned about baking.

All items will be disposed of after fair. If you do not wish to have your item disposed, you MUST contact the coordinator in advance. Any containers used for display that you wish to pick up after fair, must be labeled with the members name and club.

This year, judging of foods that needs to be tasted is subject to be changed depending on the current Covid situation.

Recipe Book should include only baking recipes. If you have cooking or food preservation recipes, please include a separate recipe book in the appropriate division. A recipe book will be judged as a portfolio.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Cooking

All entries must be in a disposable container marked with your name. All entries must include a recipe card and a photo of the entry. The items in this division will be disposed of after judging. The photo and recipe card will be displayed. Educational exhibits can include a diorama, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Main dish, Side dish, Breakfast dish, Dessert dish, Outdoor cooking, Recipe Book, Other than described, and Educational Exhibit. This is a new division this year. Educational Exhibits are those exhibits that teach or show what has been learned about cooking.

Recipe Book should be only cooking recipes. If you have baking or food preservation recipes, please include a separate recipe book in the appropriate division. A recipe book will be judged as a portfolio.

This year, judging of foods that needs to be tasted is subject to be changed depending on the current Covid situation.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Food Preservation

All entries must be labeled with product name, date preserved, and method used. Two jars are expected per entry. One jar will be used for display and one jar will be opened for judging purposes. The opened jar will be disposed of. Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Canned fruit, Canned vegetables, Canned meat, Dried fruit or fruit leather, Dried meat, Jams, jellies, or preserves, Pickles or relish, Salsa, Sauce, Soup, Recipe Book, Educational Exhibit, and Other than described. Educational Exhibits are those exhibits that teach or show what has been learned about food preservation.

All opened containers will be disposed of after judging. If you do not wish to have your item disposed, you MUST contact the coordinator in advance. Any containers used for display that you wish to pick up after fair, must be labeled with the members name and club.

Recipe Book should be only food preservation recipes. If you have baking or cooking recipes, please include a separate book in the appropriate division. A recipe book will be judged as a portfolio.

This year, judging of foods that needs to be tasted is subject to be changed depending on the current Covid situation.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Horticulture

Entries must have been grown by the exhibitor from a seed or cutting. Label each entry with the common name and variety. Educational exhibits can include a diorama, formal writing, model, poster, portfolio, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Potted plant, Container garden or terrarium, Garden flowers, Harvest, Landscape design, Floriculture, Other than described, and Educational Exhibit. This year the classes have been simplified. The garden decoration and scarecrow classes have been eliminated. If the exhibitor has made a garden decoration or scarecrow it can be entered in either the Fine Art or Related Arts and Crafts division.

Potted plant is any one plant in a pot, which is small enough to be brought into the fair for judging. This could be a flower, cactus, succulent, herb, vegetable, etc. You should bring in the entire plant.

Container Garden or terrarium can be any group of plants in a pleasing arrangement. The entire container or terrarium will need to be brought in to judge.

Garden Flowers can be any flowers that the exhibitor has grown. 3-5 cut stems should be displayed in a vase.

Harvest is any vegetable, fruit, nut, herb, or grain that the exhibitor has harvested. 3 samples of each should be brought for judging and displayed.

Landscape design can be exhibited as a blueprint (either hand drawn or digital), a model or a diorama.

Floriculture should be an arrangement of fresh or dried flowers. The flowers can be grown or purchased.

Educational Exhibits are those exhibits that teach or show what has been learned about horticulture.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Natural Resources

Exhibits can include a collection, diorama, experiment, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Backyards and Beyond, Entomology, Forestry, Geology, Water, Environmental Issues, and Other than described.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Outdoor Adventures

Exhibits can include a collection, diorama, experiment, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Recreational Transportation, Backpacking, Camping, Fishing, Hiking, Hunting, Wildlife, and Other than described.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Shooting Sports

No firearms will be accepted for display. Exhibits can include a diorama, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Pistol, Rifle, Muzzle loading, Shotgun, Archery, Shooting Sports Safety, and Other than described.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Science and Technology

Exhibits can include a collection, computer program, diorama, experiment, formal writing, model, portfolio, poster, printed material, project related item, slideshow, video exhibit, web page, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Aerospace, Rocketry, Kite, Computer Science, Drone, Mathematics, Electricity, Geospatial, Small Engines, Large Engines, Robotics, and Other than described. This year all robotics is grouped together as a class instead of a division.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Welding

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Small Project (kit), Small Project (non-kit), Medium Project (kit), Medium Project (non-kit), Large Project (kit), Large Project (non-kit), Portfolio, Educational Exhibit, and Other than described. These classes are all new to welding. Educational Exhibits are those exhibits that teach or show what has been learned about welding.

A kit will include all the materials, tools and instructions you need to complete the project. A non-kit will be the exhibitor's own design.

Small Projects might be items like small figurines, etc. Medium Projects might be items like frames, boxes, wall art, sculpture, etc. Large Projects might be items like fire pit, fountain, etc.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

Woodworking

Educational exhibits can include a diorama, formal writing, model, poster, printed material, project related item, slideshow, video exhibit, or other educational item made by the exhibitor that displays something the exhibitor has learned about the project.

Classes include Small Project (kit), Small Project (non-kit), Medium Project (kit), Medium Project (non-kit), Large Project (kit), Large Project (non-kit), Portfolio, Educational Exhibit, and Other than described. These classes are all new to woodworking. Educational Exhibits are those exhibits that teach or show what has been learned about woodworking.

A kit will include all the materials, tools and instructions you need to complete the project. A non-kit will be the exhibitor's own design.

Small Projects might be items like small figurines, toys, etc. Medium Projects might be items like frames, boxes, wall art, birdhouse, etc. Large Projects might be items like table, chair, etc.

See the Exhibit Description section of this book for descriptions of listed exhibits. Please make sure you are entering the correct age division.

EXHIBIT DESCRIPTIONS

Poster or two-dimensional model – It can be any size on poster board or a trifold display board. Please attach material securely and far enough in advance for best adhesion. The poster will be judged on the overall appearance, the construction, creativity, knowledge displayed, and the topic covered.

Diorama or 3-dimensional model– It can be any size and use whatever materials you desire. Items in the diorama/model do not need to be made by the exhibitor (for example: an animal figurine), but it should be evident that the exhibitor assembled the diorama/model with a specific purpose. Parts on the diorama/model should be labeled with information. The diorama/model will be judged on the overall appearance, the construction, creativity, knowledge displayed, and the topic covered.

Experiment – An experiment should be conducted and then displayed as a poster. Experiments should use the scientific method and all elements of the scientific method should be evident on the display. Experiments using animals should be very careful that no animal will be harmed during or as a result of the procedure. The display can be any size on poster board or a trifold display board. Please attach material securely and far enough in advance for best adhesion. The display will be judged on the overall appearance, construction, the scientific method, originality, and the knowledge displayed.

Printed Material - This type of exhibit can be a pamphlet/brochure, scrapbook (page layout), handout, business plan, etc. Pages should be printed neatly and in some sort of protective covering (sheet protector, folder, binder) or mounted on a display board. The printed material will be judged on the design, overall appearance, knowledge displayed, creativity and the topic covered.

Formal Writing – Exhibits should be mounted on a poster board or in a page protector or folder. Formal writing can be an essay, paragraph or research paper about the project. Formal writing is not the story from your record book. All formal writing entries should include a title. Formal writing will be judged on conventions (spelling, grammar, punctuation), style, language, information, and the exhibit appearance.

Video Exhibit – Any video should be 2-3 minutes in length. Any video should be brought on a flash drive in a ziplock and labeled or it can be uploaded as a private video on YouTube with the URL written on an index card. The video should be of the exhibitor. The video can be the exhibitor explaining their project or a demonstration. The video should clearly state the purpose and have a summary of the information. The video can include clips from another source, but it must be clear that the video is the work of the exhibitor. The video will be judged on the overall appearance of the video, creativity, the topic covered, the information presented, and the knowledge displayed.

Video Performance - Any video should be no more than 3 minutes in length. Any video should be brought on a flash drive in a ziplock and labeled or it can be uploaded as a private video on YouTube with the URL written on an index card. The video should be of the exhibitor performing. Examples include public speaking, dance, or theater. The video can include clips pieced together or an entire performance. The video will be judged on the overall appearance of the video, originality, the stage presence, the personality of the performer and the quality of the performance.

Video Filmmaking - Filmmaking videos should be written, filmed, and edited by the exhibitor. The video should be no more than 5 minutes long. Any video should be brought on a flash drive in a ziplock and labeled or it can be uploaded as a private video on YouTube with the URL written on an index card. Filmmaking videos will be judged on the overall appearance, creativity, story, cinematography, and audio.

Portfolio – Portfolios should have a collection of photos or pages about their project. (For example: a collection of stories, photos of items you have made or artwork.) Recipe Books are considered a portfolio. Each item in the portfolio should be created by the exhibitor, labeled, and captioned. Captions can explain the techniques used, lessons learned, etc. The portfolio can contain work from one year or multiple years and should be presented in a case or cover (For example: a binder) Portfolios will be judged on the overall appearance, design, creativity, the construction of the portfolio and the quality of the work inside the portfolio.

Slide show Exhibit – Slides must be prepared by the exhibitor but may include items from another source. (For example: a photo or video) The slideshow should have a narration done by the exhibitor or have all the information included in the slides. The slideshow should include a clearly stated purpose and a summary of the information. You will need to bring a drive with the file saved. Technology will be available to play a slide show that uses PowerPoint or Google slides. If any other software is used to create the slide show, please contact the superintendent to discuss. Slide shows will be judged on the quality of the slides and on the information provided in the slideshow.

Project Related Exhibit - This type of exhibit includes items made by the exhibitor to be used as a part of the exhibitor's project. Examples include a halter, dog agility equipment, an archery bow, a milking stand, costume, rocket, etc. These items should be constructed with the project in mind, making sure they are the correct size, shape, spacing, etc. The exhibit should be durable and hold up when being used. The exhibit will be judged based on overall appearance, construction, creativity, knowledge, and design.

Educational Exhibit - This exhibit displays something the exhibitor has learned about the project and cannot be classified as a poster, collection, diorama, model, experiment, printed material, formal writing, slide show, video, or project related item. The exhibit will be judged on the overall appearance, the construction, creativity, knowledge displayed, and the topic covered.

Creative Writing - Exhibits should be mounted on a poster board or in a page protector or folder. Creative writing can be a play/script, story, article, or poem. Creative writing is not the story from your record book. All creative writing entries should include a title. Creative writing will be judged on conventions (spelling, grammar, punctuation), style, language, creativity, and the exhibit appearance.

Fine Art - These exhibits are 2D artwork and sculpture. Please mount any 2D image on a mat board leaving a border. Images should be at least 5x7. Exhibitors can use any medium (acrylics, oils, watercolor, pencil, printmaking, etc.) desired. Fine art will be judged based on overall appearance, composition, skill, creativity and medium used.

Photographs - Photographs can be color or black and white, unedited, or manipulated, with or without filters. Photos should be at least 5x7 and mounted on a mat leaving a border. Photos will be judged based on the overall appearance, composition, visual effects, skill, and creativity.

Fiber Art - These exhibits can be crochet, cross stitch, embroidery, felting, weaving, knitting, latch hook, needle point, spinning, etc. Fiber art will be judged based on overall appearance, creativity, the design, the construction, and workmanship.

Leatherwork - These exhibits should be a completed project. All exhibits will be judged using the same criteria. Judges will consider whether the project is a kit or not. Leatherwork will be judged based on the overall appearance, construction, design, creativity, and workmanship.

Arts and Crafts - This type of exhibit can be any type of craft made with whatever material the exhibitor desires. This exhibit type includes candles, puppets, jewelry, kits, soaps, etc. All exhibits will be judged using the same criteria. Judges will consider whether the project is a kit or not. Scrapbooking and Flower Arranging are each separate exhibit types. Arts and crafts will be judged based on overall appearance, construction, design, workmanship, and creativity.

Scrapbook - These exhibits can be a single page or entire book. If the scrapbook page has been entered as a photo story or a page layout, they will be judged by those criteria. This exhibit type is for scrapbooks entered in Related Arts and

Crafts. Pages should be in a protective cover. The scrapbook exhibit will be judged based on overall appearance, creativity, construction, layout, and workmanship.

Flower arrangement - These exhibits should be an arrangement of flowers in a vase or container. Both arrangements using artificial and real (fresh or dried) flowers will be judged using the same criteria. Flower arrangements will be judged based on appearance, creativity, design, construction, and quality.

Sewing and Quilting - These exhibits can be hand or machine sewn or quilted. All sewing and quilting will be judged based on overall appearance, creativity, construction, design and workmanship.

Collection - This exhibit type should grow every year. The collection should be related to the exhibitor's project (geology, entomology) and each item should be identified and labelled. The collection should be organized in a case or protective cover. Collections will be judged based on the overall appearance, the labels, the display, the items in the collection and the organization.

Cake Decorating - These exhibits include any type of food decorating (cake, cookie, cupcake, etc.) Decorations must be edible, but base may be inedible. 100% of the decorations must be made by the exhibitor. Store purchased decorations are not acceptable to use. Judging will be based on overall appearance, construction, design, creativity, and workmanship.

Horticulture - These exhibits can either be anything that has been grown by the exhibitor. Landscape design will be judged as printed material or diorama. Flower Arrangement is a separate exhibit type. Horticulture will be judged based on appearance, variety, marketing, structure, and quality.

Web Page - This exhibit will only be used by Computer Science or Graphic Design projects. Web pages will need to be submitted with the URL written on an index card. Web pages will be judged based on the overall appearance, navigation, creativity, design, and workmanship.

Computer Program - This exhibit will only be used by Computer Science projects. Exhibitors will need to provide equipment for the program to be viewed by the judge. Programs will be judged based on the overall appearance, components, creativity, design, and workmanship.

Woodworking - These exhibits should be made by the exhibitor out of wood. Exhibits should be a finished project. Kits should be entered as a craft. Woodworking will be judged based on overall appearance, construction, design, creativity, and workmanship.

Welding - These exhibits should be made by the exhibitor as a part of their welding project. Exhibits should be a finished project. All welding must be done by the exhibitor. However, if age/ability level is inappropriate cutting and grinding can be done by a leader/parent for safety reasons. Welding exhibits will be judged based on overall appearance, design, construction, creativity, and workmanship.