

Imaginology 2020

BUILDING GUIDE

Hosted by OC 4-H at the OC Fair and Event Center

Welcome and thank you for choosing to participate in Imaginology 2020.

OC4-H is proud to organize two youth only events at Imaginology- Building Entry and Livestock Show. Building Entry is open to OC 4-H members only. The Livestock Show is open to all 4-H, FFA, and sanctioned organizations as allowed by OC 4-H Imaginology Chairs unless stated otherwise.

No late or incomplete entries will be accepted.

General Information:

- Complete the online Imaginology Building Entry registration survey on the OC 4-H website using the information in this guide to find your entry division number(s). There are several categories. Be sure to look for project restrictions under each division's rules.
<http://www.oc4h.org/events/Imaginology/>
- No late entries will be accepted.
- Ribbons will be placed on entries after judging.
- 4-H pins will be awarded Sunday at 4pm on the 4-H Stage in the building at Awards.
- Members and their parents are responsible for following all 4H rules in addition to the guidelines in this book.

Entries

- Non-perishable entries will be turned in Saturday April 11th to the Anaheim Building at OC Fairgrounds from 11am-2pm.
- Perishable entries and table settings will be turned in Tuesday April 14th from 5:30-7:00pm.
- Entries may not be removed from display area until the conclusion of the event.
- **Entries must be picked up at the conclusion of the event on Sunday between 5-5:30pm. Entries not picked up will be disposed of.**
- Unless otherwise specified in the rules section of the division guide, you do not need to label your item yourself. A label will be attached at entry intake. If you do not want the adhesive label attached to your item, attach an index card for the label to be applied to.

Building Awards Information:

- Primary members will receive scholarship participation ribbons and one primary pin to represent this Imaginology 2020. **Note-Primaries use only Division P1-16 numbers (p. 3)**
- Members age 9-19 on Dec 31, 2019, will be judged using the Danish System. Each entry will be judged on its own merit, not against other entries. Judges will give Division Winner (superior), Blue (above average), Red (good), and White (fair) ribbons according to merit.
- Best of Show ribbons will be determined using the American Judging System (division ribbon winners will be compared to other division ribbon entries in that category) for each category.
- Judges' decisions are final.
- Members age 9-19 who earn one or more top awards will get one Imaginology pin to represent this year's event.

Posters

- All posters submitted by individuals will be standard poster size (22"x28") either landscape or portrait orientation.
- Group poster entries may use a trifold board if more space is needed.
- Posters must clearly teach the public a concept.
- Print on posters must be easily read from 3 feet distance.

Guidelines

- **All entries must have been created, raised, or produced in association with a project they are currently enrolled in during this current 4-H year by the member entering the item.**
- All members and adults are expected to follow the 4-H code of conduct at all times.
- Look at the judging sheets available on the OC-4H website for your division to see what the judges are looking for.
- This event is run by volunteers. If an error is made, please be patient and understanding as we solve the problem. Please consider volunteering next year to help improve the event.
- Parents/leaders who volunteer during judging may not watch/talk to judges in categories their children or project members are competing in during judging.

If you have any questions about choosing a division number, please contact the project leader from your club associated with your entry. If they are unable to assist you, contact Maryam at ImaginologyCommitteeOC4H@gmail.com

Primary - For members age 5-8 as of Dec 31st 2019

RULES:

- Primary members may enter **any** of the following primary divisions.
- Primary members do **not** need to be enrolled in a related project.
- **Primary Member entries are to be registered as P1-P16 only!** You may use category descriptions in this book to confirm your P1-16 choice.
- Primary members will receive scholarship participation ribbons and one primary pin to represent this Imaginology 2020.

Div P1: Animal Science (including posters)

Div P2: Arts and Crafts

Div P3: Clothing & Textiles

Div P4: Community Service

Div P5: Computer

Div P6: Decorated Cakes and Other Items

Div P7: Fine Art

Div P8: Foods, Nutrition and Preservation

Div P9: Home Environment

Div P10: Horticulture and Floriculture

Div P11: Interlocking Blocks

Div P12: Outdoor Adventure/Nature

Div P13: Photography - Read the rules under the category description for notes on sizes and framing requirements

Div P14: Science, Engineering, and Technology

Div P15: Table Setting

Div P16: Woodworking

ANIMAL & VETERINARY SCIENCE AREA

RULES:

1. Specify under "Description" on entry form what the item is.
2. **Posters must clearly teach the public a concept.**
3. Posters by individuals are to be 22"x28" and can be landscape or portrait. Groups can submit tri-fold boards if more space is needed.
4. Print on posters must be easily read from 3 feet distance.
5. **Equipment entries need to have a written description explaining what the item is and how it is used attached to the item.**
6. No live animals permitted in the entries.
7. **You must currently be enrolled in a Livestock or other animal project (dogs, bees, horse...) and have attended 80% of your project meetings.**
8. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 80: Large Livestock Equipment (cattle, sheep, market goat, swine, horse)

Div 81: Small Livestock Equipment (poultry, rabbit, cavy, goat)

Div 82: Other Animal Equipment (dog, bees, birds etc.)

Div 85: Large Livestock Poster (cattle, sheep, goat, swine, horse)

Div 86: Small Livestock Poster (poultry, rabbit, cavy, goat)

Div 87: Other Animal Poster (dog, bees, birds etc.)

ARTS & CRAFTS DEPARTMENT

RULES:

1. This department includes entries such as ceramics, macramé, string art, crocheting and needlework projects, leather, silk flower arrangements, soap, candles, scrapbooking, etc.
2. Specify under "Description" on entry form what the item is.
3. Enter all photos and fine art paintings in either Photography or Fine Arts Areas.
4. Enter all models and robots in the Science, Engineering & Technology Area.
5. Enter any computer designed product in Computer Area.
6. **You must currently be enrolled in an Arts & Crafts Project or a Project related to your entry and have attended 80% of your project meetings.**
7. Project Leaders or Club Leaders are responsible for making attendance determinations.
8. **Posters and Notebooks must clearly teach the public a concept.**

Div 103: Educational Poster, Other (must not fit into any of the other building area categories)

Div 104: Educational Scrapbook/Notebook (must not fit into any other building categories)

Div 120: Arts & Crafts Other (must not fit into any of the below categories)

Div 121: Candles

Div 122: Crayon Art

Div 123: Ceramics - pre-made ceramic piece painted by member

Div 124: Clay/Dough - item molded by member and baked or air dried

- Div 125: Glass
- Div 126: Jewelry
- Div 127: Metal Crafts
- Div 128: Paper art - including origami, tissue paper, pinatas
- Div 129: Scrapbook/Historian Books - not digital
- Div 130: Single or Framed Scrapbook/Collage Pages - not digital
- Div 131: Soap
- Div 132: Stone
- Div 133: Tape Crafts - Duct tape, packing tape..
- Div 135: Thread, String, Yarn or Fabric — no quilting or clothing entries
- Div 136: Tole Painting
- Div 137: Wood Crafts
- Div 138: Recycled

CLOTHING & TEXTILES

RULES:

1. Specify under "Description" on entry form what the item is.
2. 'Purchased' Category for State Fashion Revue are not acceptable entries at this event. All entries in this area must either be made by the 4-H member or modified as per the division requirements below.
3. **You must currently be enrolled in a Clothing, Sewing, Needlework, or Fashion Revue Project.**
4. Project Leaders are responsible for making attendance determinations.

- Div 190: Clothing Single Item
- Div 191: Clothing Two-Piece or Coordinated Exhibit
- Div 192: Clothing, Coordinated Exhibit - 3-5 piece, coordinated outfit.
- Div 193: Non-Clothing Textiles: dolls, toys, pet, home items, fashion accessories.
- Div 194: Quilting: wall hangings, pillows, quilts... specify if quilted by hand.
- Div 195: Needlework: Crochet, knitting, embroidery, weaving, cross stitch.
- Div 196: Upcycled: 50% redone. Include a picture of original items for judging purposes.
- Div 197: Wearable Art/Embellished: Include a picture of original item for judging purposes.
- Div 198: Poster: Must clearly teach a concept or explain a process
- Div 199: Current Year State Fashion Revue Service Project (info found on State web site).

COMMUNITY SERVICE

RULES:

1. Specify under "Description" on entry form what the item is.
2. Community service is defined as any service performed for the good of the community, an organization, or an individual in need.
3. Entry must consist of the following:
 - a. List the name and age of all members who participated
 - b. List the name and phone number of the organization (or individual) you assisted
 - c. One standard page describing how you became involved in the project, what you did and the impact that it had or is continuing to have
 - d. One standard page of photos reflecting your work
 - e. Note the role of the adult advisor/members if done as a group, or the role of each family member if done as a family
4. You may use either a notebook or a poster board for your entry.

Div 100: Community Service - Individual

Div 101: Community Service - Group

COMPUTER

RULES:

1. Specify under "Description" on entry form what the item is.
2. Exhibit must include a written explanation as detailed below.
3. **You must currently be enrolled in a Computer or Computer related Project, be your Club's web designer, or have used the computer for an entry related to a project you are enrolled in and have attended 80% of your project meetings.**
4. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 105: Hardware Display - label hardware and include a written explanation on what it does and how you made it.

Div 106: Programming (including Lego robot) - include a written explanation on what the program does, how it is used, and how it was designed.

Div 107: Computer Generated Art

Div 108: Web Pages: Web pages do not have to be 4-H related, however they do need to be in good taste. Print out the page and include written documentation explaining your web-site goals and the tools you used to create it.

Div 109: Invitations, Flyers, Announcements & Advertisements

Div 110: Functional Printed Digital - scrapbook, calendar etc. that you created on a computer and printed for tactile use

DECORATED CAKES AREA

RULES:

1. Specify under "Description" on entry form what the item is.
2. Entries may be dummy cake forms or real cake or baked goods.
3. If commercially processed decorations are used, they will not be judged as part of the decorated cake process.
4. **You must currently be enrolled in a Cake Decorating Project and have attended 80% of your project meetings.**
5. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 115: Decorated Cake

Div 116: Other Decorated Baked Good(s)

FINE ARTS AREA

RULES:

1. Specify under "Description" on entry form what the item is.
2. Only original work will be accepted.
3. Entry must have been completed within the last year, and has not been judged at this event previously.
4. **All pictures must be framed and adequately wired for hanging. A mat does not qualify as a frame. No clips.**
5. No craft of any kind will be accepted in the Fine Arts Area- enter those in Arts & Crafts.
6. No wet paintings will be accepted.
7. **You must currently be enrolled in a Fine Arts or Performing Arts Project and have attended 80% of your project meetings.**
6. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 220: Carvings

Div 221: Sculptures

Div 222: Paintings (oil or acrylic)

Div 223: Paintings (watercolors)

Div 224: Pen & Pencil Sketches

Div 225: Stained Glass

Div 226: Theater and Music (notebook, display or poster)

Div 228: Other (please specify in description)

FLORICULTURE

RULES:

1. Specify under "Description" on entry form what the item is.
2. No food items may be used in arrangements.
3. No silk flower arrangements — these should be entered in the Arts & Crafts Area.
4. **You must currently be enrolled in a Horticulture or Plant Science related Project or the Home Environment Project, and have attended 80% of your project meetings.**
8. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 230: Bouquet using Fresh Flowers

Div 231: Corsage using Fresh Flowers

Div 232: Floral Arrangement using Fresh Flowers

Div 234: Floral Arrangement using Dried Flowers

Div 235: Corsage using Dried Flowers

Div 236: Bouquet using Dried Flowers

FOODS AND NUTRITION AREA

RULES:

1. Specify under "Description" on entry form what the item is.
2. Commercial mixes are acceptable only for Primary Members unless a mix is only one of many ingredients in the recipe,
3. All baked and cooked entries must be brought on disposable plates only large enough to hold the exhibit. Cover items with clear plastic film or a clear plastic bag. Attached must be a recipe card on a 3" x 5" card covered with plastic film or laminated. **See each division for quantity requirements.**
4. All canned items must have a label including canning method, processing time, and name of product. Attached must be a recipe card on a 3" x 5" card covered with plastic film or laminated. **See each division for quantity requirements.**
5. Food products not put on display will be disposed of following judging.
6. No commercial bread machines may be used in making/baking bread entries.
7. No paraffin seals. All canning exhibits must be in sealed jars.
8. **You must currently be enrolled in an Cooking, Baking, Food Preservation or similar Project and have attended 80% of your project meetings. For Div 247 you must be in a Bee project.**
9. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 240: Baked Products

- No pies or fruit dessert will be accepted due to quick spoilage.
- Only baked products NOT requiring refrigeration for safety may be exhibited.
- Quantities: Muffins, biscuits, rolls & Cookies 6 each; Cakes 1/2 cake plus 1 slice; Breads 1/2 loaf plus 1 slice.

Div 241: Non-baked Products

- Non-baked items may be melted and/or cooked but not baked such as candies, fudge, bars, etc.
- Quantities: Candies, rolls, etc 6 each; Large items 1/2 of the item plus 1 piece

Div 242: Canned Fruits or Vegetables

- Submit 2 jars per entry. Quilted jars are not accepted.
- State on recipe card if products were homegrown, type of product (fruit, vegetable, preserves, etc.) the method of process and the date it was made.

Div 243: Pickles, Relishes and Fermented Foods

- Submit 2 jars per entry. Quilted jars are not accepted.
- State on recipe card if products were homegrown, type of product (fruit, vegetable, preserves, etc.) the method of process and the date it was made.

Div 244: Jams, Jellies, Sauces

- Submit 2 jars per entry. Quilted jars are not accepted.
- State on recipe card if products were homegrown, type of product (fruit, vegetable, preserves, etc.) the method of process and the date it was made.

Div 245: Drying

- Submit in jars or in sealed plastic bags. Submit 2 jars or sealed bags per entry. Quilted jars are not accepted.
- State on recipe card if products were home-grown, type of product (fruit, vegetable, etc.) the method of process and the date it was made.

Div 246: Homemade Food Mixes

- Submit one jar of your food mix. It will be judged on appearance only. The jar may be decorated.
- You must submit a recipe with your entry.

Div 247: Honey (Must be enrolled in a Bee project)

- Submit in 2 separate jars.
- Provide photos of honey collection.

Div 248: Poster Display

- Standard poster board size
- Must clearly teach a concept or explain a process

Home Environment

RULES:

1. Specify under "Description" on entry form what the item is.
2. Home Environment/Home Furnishings are items that you have made where you learned and applied principles of design using colors, texture, patterns and shapes to make the home more attractive, convenient or comfortable. Includes non-wearable knitting, crochet and quilting.
3. Include a written explanation telling the judges what the article is, how it was made, and pictures or a sketch showing how and where it will be used in the home. The surrounding colors, patterns and shapes are to be included in the explanation by using photos or samples.
4. Items can be, but are not limited to: bedspreads, comforters, covered baskets or boxes, dust ruffles, lampshades, non-wearables, outdoor furniture, picture frames, pillows, placemats, quilts or quilted items, refinished furniture, centerpieces, etc.
5. Exhibit may consist of a single item or a coordinated exhibit consisting of 2-5 items.
5. **You must currently be enrolled in an Arts & Crafts, Foods, Sewing, or similar Project and have attended 80% of your project meetings.**
6. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 150: Single Item

Div 151: Coordinating: 2-5 coordinating pieces

Div 152: Quilt: specify if quilted by hand or machine

HORTICULTURE & PLANT SCIENCE

Rules:

1. Specify under "Description" on entry form what the item is.
2. Exhibits in this area must have been grown by the exhibitor as a part of their 4-H project.
3. Exhibits must be adequately and correctly labeled with species and type or common botanical names and variety.
4. Harvested Exhibits must be on a white paper plate only. No baskets or decorations.
5. Exhibits in containers must have a saucer to catch water drainage.
6. **You must currently be enrolled in a Horticulture or Plant Science related project and have attended 80% of your project meetings.**
7. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 160: Vegetable - Harvested Specimens amount required:

- 1 - large vegetables (pumpkin, squash)
- 3 - tomatoes, beets, carrots, sweet potatoes, potatoes, cucumbers, etc.
- 2 - broccoli, cabbage, cauliflower, celery, lettuce, etc.
- 1 bunch - green onions, dill, parsley, etc.
- 12 pods - peas, beans & other pod vegetables

Div 161: Fruit - Harvested - NO berries due to spoilage - Specimens required:

- 1 - large fruit (watermelon)
- 2 - grapefruit, melons, etc.
- 5 - lemons, apples, plums, peaches, avocados, etc.

- Div 163: Flowering Plants/Bowls
- Div 164: Non-Flowering Plants/Bowls
- Div 165: Mini Gardens and Terrariums
- Div 166: Dwarf or Miniature Plants
- Div 167: Herbs, Fruits, Vegetables and Trees — Potted
- Div 169: Posters

INTERLOCKING BLOCKS

RULES:

1. Specify under "Description" on entry form what the item is.
2. Includes Projects such as Legos, K'NEX, Tinker Toys, or similar interlocking building bricks.
3. All parts of model must be glued together and glued, mounted or secured on a sturdy base. Base not to exceed 2' x 2'. Any model that comes apart will not be displayed and might not be judged.
4. Schematic or plans required with each kit entry.
5. Include a written explanation of what the model is, why you chose to build it, what you would do differently next time, what you plan to do with the model, and any other important information you would like the judges to know.
6. If you enter a robot, you may also enter the robot's programming in the Computer Area. However, you must be a member of a Robotics Project to do so.
7. **You must currently be enrolled in an Interlocking Blocks Project and have attended 80% of your project meetings.**
8. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 180: Free Form less than 500 pieces

Div 181: Free Form more than 500 pieces

Div 182: Kit less than 500 pieces

Div 183: Kit more than 500 pieces

Div 184: Machines, Mechanisms and Robots: only if 75% or more is made from interlocking blocks as listed above.

OUTDOOR ADVENTURE

RULES:

1. Specify under "Description" on entry form what the item is.
2. This area gives members an opportunity to further their learning and share their knowledge of outdoor life in any of the following topics: Backpacking, Biking, Camping, Fishing, Shooting Sports, and other outdoor activities.
3. This project must emphasize a specific learning process and can be shown by an equipment display, poster or notebook.
4. **You must currently be enrolled in an Outdoor related Project and have attended 80% of your project meetings.**
5. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 140: Equipment Display

Div 141: Poster

Div 142: Notebook

PHOTOGRAPHY

RULES:

1. Specify under "Description" on entry form what the photo title is and a brief description if needed.
2. Original photos must have been taken within the current 4-H year to be eligible for Imaginology.
3. **All photos must be delivered framed and adequately wired for hanging with NO GLASS. No clips or saw tooth hangers. Not to exceed 16" x 20" framed.**
4. You must currently be enrolled in a Photography Project and have attended 80% of your project meetings to enter Divisions 300-307.
5. **Members not enrolled in a Photography Project may enter Division 308 and must have attended 80% of their project meetings for that project.**
6. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 300: Subject Group: 3-5 black & white or color prints. Similar subject mounted on single mounting. Minimum print size: 3" x 4". Maximum print size: 5" x 7". All photos must be mounted as a single unit.

Div 301 : Sequence Photo Story or 'how-to' series. 3-5 black & white or color prints. Minimum print size: 3" x 4". Maximum print size: 5" x 7". All photos must be mounted as a single unit.

Div 302: Feature Photo/Single photo - 5" x 7" or larger, black & white or color prints. Maximum print size: 11" x 14".

Div 303: Available light photos: color, black & white, or sepia. 3-5 prints taken without flash or direct sunlight; mounted on a single board.

Div 305: Close-up Photos: 3-5 prints taken at a distance of 24" or less from a subject and mounted on a single board. Choose Black and White, or Color but not mixed.

Div 306: Promotional: Photograph of 4+ members involved in a 4-H activity that could be used in a newspaper or magazine. Minimum print size: 3"x4". Maximum print size: 8" x 10". All photos must be mounted as a single unit.

Div 307: Photo Art: Use a photo you took to create something (decoupage, self printed transfer...) Must be done by youth, not submitted to a company to produce item.

Div 308: Project Photo: This division is **only for members not currently in a photography project. Max of 3 entries, 1 photo per project.** Single photo - 5" x 7" or 8" x 10".

SCIENCE, ENGINEERING & TECHNOLOGY

RULES:

1. Specify under "Description" on entry form what the item is.
2. Powered models must be entered in the correct division.
 - a. No engines or fuel permitted as part of the entry.
 - b. Project leader should certify that the model worked. (Photos are acceptable.)
3. Models must be designed, built and painted by the member.
4. *All entries must include a written description of the entry including what the model is, how it works, and the schematic or plan used to create the model.*
5. Entries must be accessible for the judges to evaluate.
6. **You must currently be enrolled in a Rocketry, Science, Robotics or comparable Project and have attended 80% of your project meetings.**
7. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 154: Model -not a kit

Div 155: Model Kit (powered or not powered)

Div 156: Rockets — not a kit

Div 157: Robotics Kits — *these are not for 'Lego' or interlocking block robots*

Div 158: Other science model

Div 159: Science, Engineering & Technology Poster - standard poster board size.

TABLE SETTING AREA

RULES:

1. Specify under "Description" on entry form what the item is.

2. Member is responsible for bringing their own card table and setting up the display with no help from anyone else.
3. Two place settings must be shown, along with table decorations and menu card.
4. No food items may be used. No wrapped candy.
5. You must currently be enrolled in a Cooking, Baking, Food Preservation, Home Environment, Cake Decorating or similar project and have attended 80% of your project meetings.
Project Leaders or Club Leaders are responsible for making attendance determinations
6. **Table Setting Guidelines - See Table Setting Guideline Document on OC 4-H website**

Div 320: Formal: Formal table setting consists of linens, china, glassware and silverware.

Div 321: Informal: Informal table settings can use plastic, cloth, or paper preprinted table coverings with accompanying dinnerware in plastic, metal or paper.

Div 322: Themed Party: Sporting events, birthdays, holidays, wedding, etc.

WOODWORKING AREA

RULES:

1. Specify under "Description" on entry form what the item is.
2. Schematics or plans are required with each entry.
3. Projects will be judged on appearance, workmanship, originality, neatness and utility.
4. Kits or kit conversions must be entered in the Kit Division.
6. **You must currently be enrolled in a Woodworking related Project and have attended 80% of your project meetings.**
7. Project Leaders or Club Leaders are responsible for making attendance determinations.

Div 325: Small Woodworking Project (Small woodworking projects include, but are not limited to: toys, clipboards, wall or mantel clocks, sports equipment, jewelry boxes, trays, puzzles, games, etc.)

Div 326: Large Woodworking Projects (Large woodworking projects are furniture to include, but not limited to: cabinets, desks, chairs, tables, cradles, grandfather clocks, etc.)

Div 327: Kit or Kit Conversion