

Master Project Guide List

*Master list is in numerical order. Project codes with letters are located at the bottom. Links are provided to direct you to the project guide for each division. Look for your project code, find the associated division and click the link to direct you to the project guide.

Division	Project Code	Project Title	Skill Level
About 4-H	91	Discovering 4-H	Beginner
Llamas/Alpacas	132	Llama/Alpaca Project/Record Book	All
Goats	135C	Companion Pet - Goat	All
Swine	140	Swine Breeding Project/Record Book	All
Poultry	150H	Helmeted Guinea Fowl	All
Horse	173	Horseless Horse	All
Companion Animals/Rabbits	215	Cavy Project/Record Book	All
Companion Animals/Rabbits	216	Purr-fect Pals, lvl. 1	Beginner
Companion Animals/Rabbits	217	Climbing Up, lvl. 2	Intermediate
Companion Animals/Rabbits	218	Leaping Forward, lvl. 3	Advanced
Companion Animals/Rabbits	220	Pocket Pets Project/Record Book	All
Companion Animals/Rabbits	227	Pet Rabbit Project/Record Book	All
Veterinary Science	244	From Airedales to Zebras, lvl. 1	Beginner
Veterinary Science	245	All Systems Go!, lvl. 2	Intermediate
Veterinary Science	246	On the Cutting Edge, lvl. 3	Advanced
Healthy Living	300	You're the Athlete	Intermediate
Healthy Living	351	Staying Healthy	Beginner
Healthy Living	352	Keeping Fit	Intermediate
Healthy Living	353	First Aid in Action	Beginner
Healthy Living	357	Alcohol and Drug Abuse	Advanced
Healthy Living	358	The Truth About Tobacco	Advanced
Healthy Living	359	Your Thoughts Matter	Advanced
Self-Determined	365	Self-Determined	All
Self-Determined	365.01	Astronomy	All
Self-Determined	365.02	Model Railroading	All
Self-Determined	365.03	Weather	All
Self-Determined	365.04	Clowning	All
Self-Determined	365.05	Rocks, Minerals, and Fossils	All
Self-Determined	365.06	American Sign Language	All
Self-Determined	365.07	Computers	All
Self-Determined	365.08	Discovering Genetics	All
Self-Determined	365.09	Canoeing	All
Self-Determined	365.10	Local Food	All
Self-Determined	365.11	Camp Counseling	All
Self-Determined	365.12	Miniature Gardens	All
Self-Determined (Animals)	365.13	Reptiles and Amphibians	All
Self-Determined	365.14	Climate Change	All
Self-Determined	365.15	Music	All
Self-Determined	365.16	Viruses, Bacteria, and Fungi, Oh My!	All
Self-Determined	365.17	Babysitting	All
Self-Determined	365.18	Ways of Knowing Water	All
Self-Determined	365.19	The Work World Is Calling	All
Self-Determined	365.20	Paper Craft	All
Self-Determined	365.21	Skateboarding	All
Self-Determined (Animals)	365.22	Pigeons	All
Self-Determined	365.23	Native American Artifacts	All
Self-Determined	365.24	Shale Gas Extraction	All
Self-Determined	365.25	Flower Gardening	All
Self-Determined (Animals)	365.26	Hedgehogs	All
Self-Determined (Animals)	365.27	Ferrets	All
Self-Determined (Animals)	365.28	Chinchillas	All

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Self-Determined	365.29	Water Quality: Field to Faucet	All
Self-Determined	365.30	Crossbow	All
Self-Determined	365.31	Crop Production	All
Leadership/Citizenship	370	One on One	Advanced
Leadership/Citizenship	371	Club Leadership 1	Intermediate
Leadership/Citizenship	372	Diversity: The Source of Our Strength	Advanced
Leadership/Citizenship	373	My Hands to Larger Service: Teen Leaders Building Our Communities	Advanced
Leadership/Citizenship	374	Teens on Board	Intermediate
Leadership/Citizenship	375	Leadership Road Trip: Where Are You Going?	Intermediate
Leadership/Citizenship	375i	Leadership Road Trip iBook	Intermediate
Leadership/Citizenship	376	Pantry Panic	Advanced
Communication	377	Finding Your Voice: Public Speaking Made Easy	Beginner
Leadership/Citizenship	378M	Leadership Master	Advanced
Workforce Preparation	382	Am I Ready for Work?	Intermediate
Leadership/Citizenship	383	Club Leadership 2	Advanced
Home Living	405	The Laundry Project	Beginner
Clothing/Textile Science	406	Clothes for High School and College	Advanced
Clothing/Textile Science	407	Accessories for Teens	Beginner
Clothing/Textile Science	408	Creative Costumes	Advanced
Clothing/Textile Science	409	Sew Fun	Beginner
Clothing/Textile Science	410	Designed by Me	Beginner
Clothing/Textile Science	411	em-bel-lish: A 4-H Guide to Wearable Art	Intermediate
Clothing/Textile Science	412	Sew for Others	Intermediate
Clothing/Textile Science	413	Sundresses and Jumpers	Beginner
Clothing/Textile Science	415	Ready, Set, Sew Active	Intermediate
Clothing/Textile Science	417	Dress-Up Outfit	Advanced
Clothing/Textile Science	418	Loungewear	All
Clothing/Textile Science	419	Terrific Tops	Beginner
Clothing/Textile Science	420	Outerwear for Anywhere	Advanced
Clothing/Textile Science	424	Clothing for Middle School	Intermediate
Clothing/Textile Science	425	Look Great for Less	Advanced
Clothing/Textile Science	426	Clothing for Your Career	Advanced
Clothing/Textile Science	430	Shopping Savvy	Intermediate
Clothing/Textile Science	432M	Sewing and Textiles (non-clothing) Master	Advanced
Genealogy	442	Family History Treasure Hunt	All
Money Management	445	Becoming Money Wise	Beginner
Money Management	448	Teens On the Road to Financial Success	Advanced
Food and Nutrition	459	Let's Start Cooking	Beginner
Food and Nutrition	461	Let's Bake Quick Breads	Intermediate
Food and Nutrition	462	Yeast Breads on the Rise	Advanced
Food and Nutrition	463	Sports Nutrition: Ready, Set, Go!	Intermediate
Food and Nutrition	467	You're the Chef	Advanced
Food and Nutrition	469	Global Gourmet	Advanced
Food and Nutrition	472	Grill Master	Intermediate
Food and Nutrition	474	Beyond the Grill	Advanced
Food and Nutrition	475	Star Spangled Foods	Intermediate
Food and Nutrition	476	Pathways to Culinary Success	Advanced
Food and Nutrition	477	Party Planner: A 4-H Guide to Quantity Cooking	Intermediate
Food and Nutrition	481	Everday Food and Fitness	Beginner
Food and Nutrition	484	Snack Attack!	Beginner
Food and Nutrition	485	Racing the Clock to Awesome Meals	Intermediate
Food and Nutrition	486	Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices	Intermediate
Food and Nutrition	487	Take a Break for Breakfast	Beginner
Food Science	490	Science Fun with Dairy Foods: The Case of the Missing Milk	Beginner
Home Living	491	It's My Home	Beginner

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Cake Decorating	492	Cake Decorating Project/Record Book	All
Chemistry	493	Science Fun with Kitchen Chemistry	Beginner
Home Living	494	Makeover My Space	Intermediate
Home Living	495	Your First Home Away From Home	Advanced
Collecting	496	My Favorite Things	Beginner
Scrapbooking	497	Scrapbooking: A 4-H Guide to Preserving Memories	Beginner
Fine Arts	498	Quilting the Best Better	Intermediate
Fine Arts	499	You Can Quilt	Intermediate
Physics	500	Science Fun with Physics	Beginner
Aerospace Science	501	Rockets Away (2-liter bottles)	Beginner
Aerospace Science	502	Science Fun with Flight	Beginner
Aerospace Science	503	Rockets Away (solid-fuel model rockets)	Beginner
Aerospace Science	503M	Solid-Fuel Rocketry Master	Advanced
Electronic Radio-Controlled Vehicles	504	Electric Radio-Controlled Vehicles	Intermediate
Robotics	507	Robotics 1 with EV3	Intermediate
Robotics	508	Robotics 2: EV3N More	Advanced
Robotics	512M	Robotics Master	Advanced
Bicycle	517	Bicycling for Fun, lvl. 1	Beginner
Bicycle	518	Wheels in Motion. Lvl. 2	Intermediate
Electricity	527	Magic of Electricity, lvl. 1	Beginner
Electricity	528	Investigating Electricity, lvl. 2	Intermediate
Electricity	529	Wired for Power, lvl. 3	Intermediate
Electricity	530	Entering Electronics, lvl. 4	Advanced
Electricity	531	Science Fun with Electricity	Beginner
Knots	540	Not Just Knots	All
Small Engines	541	Crank it Up, lvl. 1	Beginner
Small Engines	542	Warm it Up, lvl. 2	Intermediate
Small Engines	543	Tune it Up, lvl. 3	Advanced
Energy	550	Young Engineers in Solar Energy	Intermediate
Tractor/Machinery Safety	551	Starting up: Getting to Know Your Tractor, lvl. A	Beginner
Tractor/Machinery Safety	552	Tractor Operations: Gearing Up for Safety, lvl. B	Intermediate
Tractor/Machinery Safety	553	Moving Out: Learning About Your Tractor/Farm Machinery, lvl. C	Intermediate
Tractor/Machinery Safety	554	Learning More: Learning About Agricultural Tractors/Equipment, lvl. D	Advanced
All-Terrain Vehicles	555	ATV Safety	Advanced
Woodworking	556	Measuring Up, lvl. 1	Beginner
Woodworking	557	Making the Cut, lvl. 2	Intermediate
Woodworking	558	Nailing It Together, lvl. 3	Intermediate
Woodworking	559	Finishing Up, lvl. 4	Advanced
Woodworking	560M	Woodworking Master	Advanced
Tractor/Machinery Safety	561	National Safe Tractor/Machinery Operation Program	Advanced
Welding	573	Arcs and Sparks - Shielded Metal Arc Welding	Intermediate
Photography	584	Focus on Photography, lvl. 1	Beginner
Photography	585	Controlling the Image, lvl. 2	Intermediate
Photography	586	Mastering Photography, lvl. 3	Advanced
Writing	588	The Writer in You	Intermediate
Photography	589M	Photography Master	Advanced
Fine Arts	592	Get Started in Art	All
Fine Arts	593	Seeing Through Graphic Design	Intermediate
The Natural World	611	Explore the Outdoors	Beginner
The Natural World	612	Geology: Can You Dig It?	Beginner
The Natural World	617	Exploring Ponds	Advanced
The Natural World	620	Why Trees Matter	Beginner
The Natural World	621	Ohio Birds	All
The Natural World	622	Trapping Muskrats in Ohio	Intermediate
The Natural World	623	Outdoor Adventurer, Beginning Fishing	Beginner

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The Natural World	624	Outdoor Adventurer, Intermediate Fishing	Intermediate
Shooting Sports	630	Safe Use of Guns	Beginner
Shooting Sports	631	Basic Archery	Beginner
The Natural World	641	Beekeeping Project/Record Book	All
The Natural World	644	Insect Adventures 1	Beginner
The Natural World	645	Insect Adventures 2	Intermediate
The Natural World	646	Insect Adventures 3	Advanced
Gardening/Plant Science	670	Canning and Freezing	Intermediate
Gardening/Plant Science	671	How Does Your Garden Grow?	Beginner
Gardening/Plant Science	691	Grow Your Own Vegetables	Beginner
Gardening/Plant Science	692	Growing with the Seasons	Intermediate
Cloverbud	715	My Cloverbud Year	Cloverbud
Shooting Sports	750	Rifle Member Record Book	All
Shooting Sports	751	Archery Member Record Book	All
Shooting Sports	752	Shotgun Member Record Book	All
Shooting Sports	753	Pistol Member Record Book	All
Shooting Sports	754	Hunting/Wildlife Member Record Book	All
Shooting Sports	755	Muzzleloader Member Record Book	All
Shooting Sports	756	Living History Member Record Book	All
Shooting Sports	757	Crossbow Member Record Book	All
Horse	762	Horse Nutrition	Advanced

About 4-H Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits-About 4-H, **Division:** About 4-H
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
About 4-H	91	Discovering 4-H	No	1.) Completed project book 2.) Exhibit display or poster

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Animal Sciences Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>

Department: Still Exhibits-Animal Sciences, **Division:** Specie below, **Class:** Project below

***Department:** Still Exhibits-Self Determined, **Division:** Self-Determined, **Class:** Project below

Companion Animal and Rabbits: Thursday, July 11, 2019 @ 3-5pm in MFG-CC

Dogs: Thursday, July 11, 2019 @ 3-5pm in MFG-CC

All other Animal Sciences Projects will be judged at

County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC

State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Companion Animals and Rabbits	215	Cavy Project/Record Book	Yes	1.) Completed project book 2.) Animal records 3.) Exhibit display or poster 4.) Self-Determined must complete the Self-Determined Project Guide 5.) All animals must be properly caged or leashed with a water dish, carpet square and other equipment for the animal's comfort 6.) Dogs only come with 201D with Dog. All other Dog projects are without dog.
	216	Purr-fect Pals, level 1	Yes	
	217	Climbing Up, level 2	Yes	
	218	Leaping Forward, level 3	Yes	
	220	Pocket Pets Project/Record Book	Yes	
	227	Pet Rabbit Project/Record Book	Yes	
Goats	135C	Companion - Pet Goats	No	
Horses	173	Horseless Horse	No	
	762	Horse Nutrition	No	
Dogs	200	All About Dogs	Yes	
	201D	You and Your Dog with and w/o dog	Yes	
	202	Dog Achievement Program	Yes	
Llamas and Alpacas	132	Llama and Alpaca Project/Record Book	No	
Poultry	150H	Helmeted Guinea Fowl	No	
Swine	140	Swine Breeding Project/Record Book	Yes	
Veterinary Science	244	From Airedales to Zebras, level 1	Yes	
	245	All Systems Go!, level 2	Yes	
	246	The Cutting Edge, level 3	Yes	
*Self-Determined	365	Pet Animal	Yes	
	365.13	Reptiles and Amphibians	Yes	
	365.22	Pigeons	Yes	
	365.26	Hedgehogs	Yes	
	365.27	Ferrets	Yes	
	365.28	Chinchillas	Yes	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or protrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>

Department: Still Exhibits - Clothing and Textile Science,

Division: Clothing and Textile Science

County Interview Judging: Tuesday, July 16, 2019 @ 4-7pm in MFG-CC
project times will be posted after June 1

Style Review: Wednesday, July 17, 2019 @ 6:30pm in MFG-CC

State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible
Clothing and Textile Science	406	Clothes for High School and College	Yes
	407	Accessories for Teens	Yes
	408	***Creative Costumes	Yes
	409	Sew Fun	Yes
	410	Designed by Me	Yes
	411	***em-bel-lish: A 4-H Guide to Wearable Art	Yes
	412	Sew for Others	Yes
	413	Sundresses and Jumpers	Yes
	415	Ready, Set, Sew Active	Yes
	417	Dress-Up Outfit	Yes
	418	Loungewear	Yes
	419	Terrific Tops	Yes
	420	Outerwear for Anywhere	Yes
	424	Clothing for Middle School	Yes
	425	Look Great for Less	Yes
	426	Clothing for Your Career	Yes
	430	Shopping Savvy	Yes
432M	*Sewing and Textiles (non-clothing) Master	No	

Each project needs to be a separate total look outfit.

Bring to Judging:

1. Constructed garment(s) as stated in project book
2. Completed project book that follows project guidelines
3. Pattern
4. Narration form

In addition to the “Bring to Judging” List above,

*** For 408: Creative Costumes and 411: Em-bel-lish, bring your notebook or portfolio for designs or research as stated in project book to judging.

* For 432M: Sewing and Textiles (non-clothing Master), bring 2-3 items constructed with completed project records, budget, and photos to judging.

Cloverbud Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>

Department: Cloverbud, **Division:** Cloverbud,

Class: 01: Show & Tell - General *and/or* 02: Show & Tell - Fashion

County Interview Judging: 01: Show & Tell - General - Monday, July 15 @ 4-8pm in MFG-CC

02: Show & Tell Fashion - Tuesday, July 16 @ 4-7pm in MFG-CC.

Style Review: Wednesday, July 17, 2019 @ 6:30pm in MFG-CC

State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible
Cloverbuds	715	My Cloverbud Year	No

Show & Tell - General

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Show & Tell - Fashion

Cloverbud members wishing to participate in the Fashion Show, Cloverbud members are invited to bring or wear a decorated item of clothing, or a special outfit you shopped for or put together from your existing wardrobe to judging on July 16 and then participate in Style Review on July 17.

Communication Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Communication, **Division:** Communication
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Communication	377	Finding Your Voice: Public Speaking Made Easy	Yes	1.) Completed project book 2.) Exhibit display or poster

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Creative and Leisure Arts Project Guides

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>

Department: Still Exhibits - Creative and Leisure Arts, **Division:** Title of division below, **Class:** Project

County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC

Cake Decorating Judging: Thursday, July 11, 2019 @ 3-6:30pm in MFG-CC

State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible
Cake Decorating	492	Cake Decorating Project/Record Book	Yes
Collecting	496	My Favorite Things	Yes
Fine Arts	498	Quilting the Best Better	Yes
	499	You Can Quilt!	Yes
	592	Get Started in Art	Yes
	593	Seeing Through Graphic Design	Yes
Genealogy	442	Family History Treasure Hunt	Yes
Photography	584	Focus on Photography, level 1	Yes
	585	Controlling the Image, level 2	Yes
	586	Mastering Photography, level 3	Yes
	589M	Photography Master	Yes
Scrapbooking	497	Scrapbooking: A 4-H Guide to Preserving Memories	Yes
Writing	588	The Writer in You	No

Bring to Judging:

1.) Completed project book
2.) Project 492: Must bring a decorated exhibit cake - Royal Icing Required, bring equipment used in design, and knowledge of how to make a parchment bag
- 3.) Project 442: Treasure Hunter's Kit and annual essay
- 4.) Projects 498-499: Mini quilt
- 5.) Projects 584-586: Photo journal and 1 print (matted or framed)
- 6.) Project 588: Create 1 original work and make 2 copies for submit for entry. Writing must be double-spaced in 12 pt. either Times New Roman or Arial font. The cover page must include the title, your name, your 4-H club, and the class number. Each page should have a footer with your last name and page number.
- 7.) Project 592: 1-2 items that you've created

Cake Decorating: Styrofoam cakes are encouraged. Beginners: single-layer cake with 3 beginner techniques, Intermediates: one or two- layer cake with 4 intermediate techniques, and Advanced: stacked or tiered cake with 5 advanced techniques. Maximum cake board size: 15"x 15", Maximum cake size with border: 13" x 13", and maximum height: 16"

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Food and Nutrition, **Division:** Food and Nutrition
County Interview Judging: Thursday, July 11, 2019 @ 3-6:30pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible
Food and Nutrition	459	Let's Start Cooking	Yes
	461	Let's Bake Quick Breads	Yes
	462	Yeast Breads on the Rise	Yes
	463	Sports Nutrition: Ready, Set, Go!	Yes
	467	You're the Chef	Yes
	469	Global Gourmet	Yes
	472	Grill Master	Yes
	474	Beyond the Grill	Yes
	475	Star Spangled Foods	Yes
	476	Pathways to Culinary Success	Yes
	477	Party Planner: A 4-H Guide to Quantity Cooking	Yes
	481	Everday Food and Fitness	Yes
	484	Snack Attack!	Yes
	485	Racing the Clock to Awesome Meals	Yes
	486	Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices	Yes
	487	Take a Break for Breakfast	Yes

Bring to Judging:

1. Completed project book that follows project guidelines
2. Portfolio with one page per Interest Area determined by your project book
3. One Day Food Plan Menu
 - a. Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card. Additionally, please make sure the exhibitor's name and club name are on the back of the poster.
 - b. Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Healthy Living Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Healthy Living, **Division:** Healthy Living
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Healthy Living	300	You're the Athlete	Yes	1.) Completed project book 2.) Exhibit display or poster
	351	Staying Healthy	Yes	
	352	Keeping Fit	Yes	
	353	First Aid in Action	Yes	
	357	Alcohol and Drug Abuse	Yes	
	358	The Truth About Tobacco	Yes	
	359	Your Thoughts Matter	Yes	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster. **Display Requirements:** no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Home Living Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Home Living, **Division:** Home Living
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Home Living	405	The Laundry Project	Yes	1.) Completed project book
	491	It's My Home	Yes	
	494	Makeover My Space	Yes	2.) Exhibit display or poster
	495	Your First Home Away From Home	Yes	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Leadership and Citizenship Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Leadership and Citizenship, **Division:** Titles below, **Class:** Project
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Leadership and Citizenship	370	One on One	Yes	1.) Completed project book 2.) Exhibit display or poster 3.) Money Management Projects: Must submit a spending log
	371	Club Leadership 1	Yes	
	372	Diversity: The Source of Our Strength	Yes	
	373	My Hands to Larger Service: Teen Leaders Bu	Yes	
	374	Teens on Board	Yes	
	375	Leadership Road Trip: Where Are You Going	Yes	
	375i	Leadership Road Trip iBook	Yes	
	376	Pantry Panic	Yes	
	378M	Leadership Master	Yes	
	383	Club Leadership 2	Yes	
Money Management	445	Becoming Money Wise	No	
	448	Teens On the Road to Financial Success	No	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Natural Resources Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Natural Resources, **Division:** Titles below, **Class:** Project
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Gardening and Plant Science	670	Canning and Freezing	Yes	1.) Completed project book
	671	How Does Your Garden Grow?	Yes	2.) Exhibit display or poster
	691	Grow Your Own Vegetables	Yes	3.) Project 621: Must bring a bird feeder
	692	Growing with the Seasons	Yes	4.) Project 671: Must bring a container garden with a variety of flowers
The Natural World	611	Explore the Outdoors	Yes	5.) Projects 691-692: Must bring vegetable display
	612	Geology: Can You Dig It?	Yes	
	617	Exploring Ponds	Yes	
	620	Why Trees Matter	Yes	
	621	Ohio Birds	Yes	
	622	Trapping Muskrats in Ohio	Yes	
	623	Outdoor Adventurer: Beginning Fishing	Yes	
	624	Outdoor Adventurer: Intermediate Fishing	Yes	
	641	Beekeeping Project/Record Book	Yes	
	644	Insect Adventures 1	Yes	
	645	Insect Adventures 2	Yes	
Shooting Sports	646	Insect Adventures 3	Yes	
	630	Safe Use of Guns	Yes	
	631	Basic Archery	Yes	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster. **Display Requirements:** no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Friendly Reminder: Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Do not use any of these items or 3-D replicas of these items as a part of any display. Displays may not include any part of an arrow longer than 6 inches. Displays may not include any loaded ammunition, wild bird feathers (except legal game species), or birds nests and eggs that are protected under State and Federal Laws.

Self-Determined Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Self Determined, **Division:** Self-Determined
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Self-Determined	365	Self-Determined	Yes	1.) Completed Self-Determined Project Guide found at https://ohio4h.org/books-and-resources/self-determined-projects-and-idea-starters 2.) Exhibit display or poster 3.) Project 365.02: Construct a module with a train track. Exhibitors not in Model Railroad club should bring a poster in addition to their module.
	365.01	Astronomy	Yes	
	365.02	Model Railroading	Yes	
	365.03	Weather	Yes	
	365.04	Clowning	Yes	
	365.05	Rocks, Minerals, and Fossils	Yes	
	365.06	American Sign Language	Yes	
	365.07	Computers	Yes	
	365.08	Discovering Genetics	Yes	
	365.09	Canoeing	Yes	
	365.10	Local Food	Yes	
	365.11	Camp Counseling	Yes	
	365.12	Miniature Gardens	Yes	
	365.14	Climate Change	Yes	
	365.15	Music	Yes	
	365.16	Viruses, Bacteria, and Fungi, Oh My!	Yes	
	365.17	Babysitting	Yes	
	365.18	Ways of Knowing Water	Yes	
	365.19	The Work World Is Calling	Yes	
	365.20	Paper Craft	Yes	
	365.21	Skateboarding	Yes	
	365.23	Native American Artifacts	Yes	
	365.24	Shale Gas Extraction	Yes	
	365.25	Flower Gardening	Yes	
	365.29	Water Quality: Field to Faucet	Yes	
	365.30	Crossbow	Yes	
	365.31	Crop Production	Yes	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Model Railroading Module Drop-off: Park and enter the building on the backside of the community center. Arrive early to account for unloading and placement of the module.

Shooting Sports Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Shooting Sports, **Division:** Titles below, **Class:** Project
County Interview Judging: Monday, July 15 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Shooting Sports	750	Rifle Member Record Book	Yes	1.) Completed project/record book
	751	Archery Member Record Book	Yes	2.) Exhibit display or poster
	752	Shotgun Member Record Book	Yes	3.) Projects 750-757: Must have record books signed by
	753	Pistol Member Record Book	Yes	Certified 4-H Shooting Sports Instructor
	754	Hunting and Wildlife Member Record Book	Yes	4.) Project 756: Must be
	755	Muzzleloader Member Record Book	Yes	dressed up as your historical
	756	Living History Member Record Book	Yes	character
	757	Crossbow Member Record Book	Yes	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Reminder: No guns, bows, ammunition, or firearms of any kind are allowed on the fairgrounds at any time. Displays may not include any loaded ammunition, guns, bows, arrows or 3-D replicas of any kind.

STEM Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - STEM, **Division:** Titles below, **Class:** Project
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Aerospace Science	501	Rockets Away (2-liter Bottles)	Yes	1.) Completed project book 2.) Exhibit display or poster 3.) Project 540: Must bring knot display 4.) Projects 556-559: Must bring woodworking display
	502	Science Fun with Flight	Yes	
	503	Rockets Away (Solid-Fuel Model Rockets)	Yes	
	503M	Solid-Fuel Rocketry Master	Yes	
All-Terrain Vehicles (ATV)	555	ATV Safety	No	
Bicycle	517	Bicycling for Fun, level 1	No	
	518	Wheels in Motion, level 2	No	
Chemistry	493	Science Fun with Kitchen Chemistry	Yes	
Electricity	527	Magic of Electricity, level 1	Yes	
	528	Investigating Electricity, level 2	Yes	
	529	Wired for Power, level 3	Yes	
	530	Entering Electronics, level 4	Yes	
	531	Science Fun with Electricity	Yes	
Energy	550	Young Engineers in Solar Energy	Yes	
Food Science	490	Science Fun with Dairy Foods: The Case of the Missing Milk	Yes	
Electric Radio-Controlled Vehicles	504	Electric Radio-Controlled Vehicles	No	
Knots	540	Not Just Knots	Yes	
Physics	500	Science Fun with Physics	Yes	
Robotics	507	Robotics 1 with EV3	Yes	
	508	Robotics 2: EV3N More	Yes	
	512M	Robotics Master	Yes	
Small Engines	541	Crank It Up, level 1	Yes	
	542	Warm It Up, level 2	Yes	
	543	Tune It Up, level 3	Yes	
Tractor and Machinery Operation	551	Starting Up: Getting to Know Your Tractor, level A	Yes	
	552	Tractor Operations: Gearing Up for Safety, level B	Yes	
	553	Moving Out: Learning About Your Tractor and Farm..., level C	Yes	
	554	Learning More: Learning about Agricultura..., level D	Yes	
	561	National Safety Tractor and Machinery Operation Program	Yes	
Welding	573	Arcs and Sparks - Shielded Metal Arc Welding	Yes	
Woodworking	556	Measuring Up, level 1	Yes	
	557	Making the Cut, level 2	Yes	
	558	Nailing It Together, level 3	Yes	
	559	Finishing Up, level 4	Yes	
	560M	Woodworking Master	Yes	

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster. **Display Requirements:** no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.

Knot Display: Use a peg board, foam board, or plywood. If you choose plywood, the board must be equipped for hanging on display. The board is not to exceed the poster size requirements and have mounted at least 7 knots, bends, or hitches. The display should represent your level of understanding and ability within the project.

Workforce Preparation Project Guide

June 1: Online Entry Deadline <https://medinajuniorfair.fairentry.com>
Department: Still Exhibits - Workforce Preparation, **Division:** Workforce Preparation
County Interview Judging: Monday, July 15, 2019 @ 4-8pm in MFG-CC
State Fair: <https://ohio4h.org/nonlivestockguidebook>

Division	Project Code	Project Title	State Fair Eligible	Bring to Judging
Workforce Preparation	382	Am I Ready for Work?	Yes	1.) Completed project book 2.) Exhibit display or poster

Poster Requirements: 14" x 22" poster board (no foam or tri-folds) either landscape or portrait orientation. Please leave a 4" x 6" space in the lower right corner for the exhibit card and make sure the exhibitor's name and club name are on the back of the poster.

Display Requirements: no larger than 10" wide x 18" long x 12" high. Please include the exhibitor's name and club name are on the back or bottom of the display.