2025 Project Completion and Fair Requirements

11/22/2024

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
About 4-H				
91 ***Discovering 4-H***	B	All activities in 9 interest areas Project summary		No state fair event

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THE OHIO STATE UNIVERSITY EXTENSION

ohio4h.org

Ohio State University Extension is part of the College of Food, Agricultural, and Environmental Sciences at The Ohio State University.

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Animal Sciences

Beef

117 ***Beef Project and Record Book*** (for beef breeding, beef feeder, dairy beef feeder, and market beef projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections At least 1 topic of interest At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities. Club or county level project review County project judging (may be optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

Companion Animals and Rabbits

200 ***All About Dogs***	B	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Companion Animal Day ohio4h.org/nonlivestockguidebook

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201 ***Dog Project and Record Book*** (for pet, obedience, showmanship, performance, and working dog projects)	X	Project animal by required date Project goals Member Project Guide, Dog Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also ohio4h.org/animalsciences/dog/
202 ***Dog Achievement Program***	X	To earn a certificate, choose 3 topic areas within one category and complete all 5 activities with each selected topic area, for a total of 15 activities. For more details, see project book or ohio4h.org/DAP.		No state fair event
210 ***Assistance Animals in Action***	I	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Companion Animal Day ohio4h.org/nonlivestockguidebook
215 ***Cavy Project and Record Book***	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)		Companion Animal Day ohio4h.org/nonlivestockguidebook
216 ***Purr-fect Pals, Level 1***	B	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year		Companion Animal Day ohio4h.org/nonlivestockguidebook
217 ***Climbing Up! Level 2***	I	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year		Companion Animal Day ohio4h.org/nonlivestockguidebook

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218 ***Leaping Forward, Level 3***	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year		Companion Animal Day ohio4h.org/nonlivestockguidebook
220 ***Pocket Pets Project and Record Book***	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)		Companion Animal Day ohio4h.org/nonlivestockguidebook
228 ***Rabbit Project and Record Book*** (for breeding, market, and pet projects)	X	Project animal by required date At least 5 learning activities At least 2 learning experiences At least 1 topic of interest At least 2 leadership/citizenship activities Animal Records and Quality Assurance sections Club or county level project review County project judging (may be optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu
230 ***4-H PetPALS Project and Record Book***	X	Project animal by required date Project Goals and Objectives At least 2 project experiences Other animal project records County project judging (may be optional) Must be enrolled in a PetPALS program under the direction of a master 4-H PetPALS leader		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also ohio4h.org/animalsciences/dog/

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Dairy Cattle				
127 ***Dairy Cattle Project and Record Book*** (for dairy calf, dairy heifer, and dairy cow)	X	Project animal by required date Project Guide, Animal Records, Financial Records, and Quality Assurance sections Club or county level project review County project judging (may be optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu
Goats				
135 ***Goat Project and Record Book*** (for breeding dairy; breeding meat; fiber; harness; market dairy, meat, or cross; pack, pygmy, and companion/pet goat projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu
Horses				
173 ***Horseless Horse***	B	Planning Your Project section At least 4 interest areas All recommended activities in your selected interest areas At least 2 organized activities At least 2 leadership/citizenship activities One-page report		No state fair event

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174 ***Beginning Horse Management***	B	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 leadership/citizenship activities Project record One-page report	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu
175 ***Light Horse Selection***	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities Questions on pages 55-57 Complete the judging description of your horse Completed 190R *Equine Record Book* One-page report	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu.
177 ***Horse Training: How to Talk to Your Horse***	I	Project horse required by deadline Appropriate helmet and other equipment Completed 190R *Equine Record Book*	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu.

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180 ***Learning to Jump***	I	Project horse required by deadline Appropriate helmet and other equipment All 3 project areas At least 5 activities in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities One-page summary Complete 190R *Equine Record Book*	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu
181 ***Draft Horses***	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Interest areas 1-5 and 7 (new members) Interest areas 2-7 (returning members) Things to Do in each interest area At least 2 learning opportunities At least 2 leadership/citizenship activities Completed 190R *Equine Record Book* One-page summary	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu
182 ***Small Equine***	I	Project horse required by deadline Appropriate helmet and other equipment Project Areas 1-7, each with at least one project activity At least 2 learning experiences At least 2 leadership/citizenship activities Completed 190R *Equine Record Book* One-page summary	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu

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184 ***Standardbred Horse***	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Explore all interest areas At least 2 Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R *Equine Record Book* One-page summary	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu
186 Gymkhana	I	Project horse required by deadline Appropriate helmet and other equipment Project Areas 1-3 At least 2 learning experiences At least 2 leadership/citizenship activities Completed 190R *Equine Record Book* One-page summary	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu
187 Roping	X	Project horse required by deadline Appropriate helmet and other equipment First year: complete activities 1-4 Year 2 and beyond: Complete activities 1-4, plus 2 additional activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu
188 ***Trail Riding***	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R *Equine Record Book* One-page summary	EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu

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189 ***Dressage***	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section New members explore interest areas 1-4 and first-year Completion of project activities Repeating members complete Completion of Project activities All of the Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R *Equine Record Book* One-page report	EquiStep program for all horse program participants	Must participate in a dressage competition and meet scoring requirements Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also horse.osu.edu
Llamas and Alpacas				
132 ***Llama and Alpaca Project and Record Book***	X	Project animal by required date Project Goals and Objectives Member Project Guide, Animal Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)		See "Open Livestock" events under the Competitions tab at ohiostatefair.com
Poultry				
150 ***Poultry Project and Record Book*** (for exhibition and market chicken, duck, goose, turkey; chicken, egg production: hens and pullet; and helmeted guinea fowl projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also ohio4h.org/poultry

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Sheep				
198 ***Market Lamb Project and Record Book***	X	Project animal by required date All activities Club or county level project review County project judging (may be optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu
199 ***Sheep Breeding Project and Record Book***	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu
Swine				
140 ***Swine Project and Record Book***	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)		See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

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Veterinary Science				
244 ***From Airedales to Zebras, Level 1***	B	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation *(Use the same book 1-3 years.)*		Veterinary Science Day ohio4h.org/nonlivestockguidebook
245 ***All Systems Go! Level 2***	I	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation *(Use the same book 1-3 years.)*		Veterinary Science Day ohio4h.org/nonlivestockguidebook
246 ***On the Cutting Edge, Level 3***	A	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation *(Use the same book 1-3 years.)*		Veterinary Science Day ohio4h.org/nonlivestockguidebook

Career Exploration

382 ***Am I Ready for Work?***	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		Workforce Preparation Day ohio4h.org/nonlivestockguidebook

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386 ***You're Hired!***	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Workforce Preparation Day ohio4h.org/nonlivestockguidebook
387 ***Here, There, Ag Careers Are Everywhere!***	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Workforce Preparation Day ohio4h.org/nonlivestockguidebook

Clothing and Textile Science

407 ***Accessories for Teens***	B, ages 13+	All 4 interest areas At least 1 additional 4-H activity At least 1 leadership/citizenship experience Wardrobe evaluation and accessories to complement at least 1 outfit At least 1 accessory: bag/purse, belt/cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders to complete the appearance of an outfit Project record and evaluation		Clothing Days ohio4h.org/nonlivestockguidebook
409 ***Sew Fun!***	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A pin cushion and fully elastic-waisted skirt, shorts, pants, or capris Project review		Clothing Days ohio4h.org/nonlivestockguidebook

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410 ***Designed by Me***	B	All 8 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Decorate (or embellish) a T-shirt, sweatshirt, button-down shirt, or simple jacket Project review Project record (if any materials purchased)		Clothing Days ohio4h.org/nonlivestockguidebook
413 ***Sundresses and Jumpers***	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review		Clothing Days ohio4h.org/nonlivestockguidebook
419 ***Terrific Tops***	B	All 8 activities, including Talking It over questions At least 2 learning experiences At least 2 leadership/citizenship activities A top that is part of a complete outfit Project review		Clothing Days ohio4h.org/nonlivestockguidebook
411 ***em•bel•lish: A 4-H Guide to Wearable Art***	I	All 10 activities and 3 journal pages At least one embellished garment At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Clothing Days ohio4h.org/nonlivestockguidebook
412 ***Sew for Others***	I	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Construct one complete outfit for the person of your choice OR adapt three different garments for someone with a disability		Clothing Days ohio4h.org/nonlivestockguidebook

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415 ***Ready, Set, Sew Active!***	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities At least one garment that is part of an active sportswear outfit Project summary and project review		Clothing Days ohio4h.org/nonlivestockguidebook
418 ***Loungewear***	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A loungewear outfit to wear over garments you make or buy Project record, summary, and review		Clothing Days ohio4h.org/nonlivestockguidebook
424 ***Clothing for Middle School***	I, ages 10-14	All 5 interest areas At least 1 garment with sleeves **or** a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience. Project evaluation and project summary		Clothing Days ohio4h.org/nonlivestockguidebook
430 ***Shopping Savvy***	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review		Clothing Days ohio4h.org/nonlivestockguidebook

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406 ***Clothes for High School and College***	A	All 5 major areas At least 2 additional organized activities At least 2 leadership/citizenship activities A wardrobe inventory At least 1 outfit with a minimum of 2 pieces or a 1-piece garment with sleeves, plus some other style detail not tried before Repair at least 3 items from your wardrobe Project summary		Clothing Days ohio4h.org/nonlivestockguidebook
408 ***Creative Costumes***	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A costume from one of these categories: historical, ethnic/cultural, theatrical, or special interest Project record and evaluation summary		Clothing Days ohio4h.org/nonlivestockguidebook
417 ***Dress-Up Outfit***	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A dress-up garment with two or more new experiences (zipper, sleeves, new trim or fabric) and coordinate/incorporate/ integrate into your total look Project evaluation and project review		Clothing Days ohio4h.org/nonlivestockguidebook
420 ***Outerwear for Anywhere***	A	All 4 projects areas and activities At least 2 learning experiences At least 2 leadership/citizenship activities An advanced-level outer garment, such as a coat, jacket, raincoat, cape, or other similar outer garment, and add other clothing accessories for a total look. Project summary and project review		Clothing Days ohio4h.org/nonlivestockguidebook

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425 ***Look Great for Less***	A, ages 15-18	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An inexpensive outfit Project record, summary, and evaluation		Clothing Days ohio4h.org/nonlivestockguidebook
426 ***Clothing for Your Career***	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An outfit with at least 2 pieces appropriate for a job, volunteer, work, or an interview (suit, uniform, or work outfit) At least 2 alterations A brief description of an interesting job. Job site visit or interview a professional, or both Project record and evaluation		Clothing Days ohio4h.org/nonlivestockguidebook
432M ***Sewing and Textiles (non-Clothing) Master***	A	At least one non-clothing fabric item At least 2 learning experiences At least 2 leadership/citizenship activities Project records including interview, budget, and photos Judging activity		No state fair event

Communication

377 ***Finding Your Voice: Public Speaking Made Easy***	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Leadership Day ohio4h.org/nonlivestockguidebook

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Creative and Leisure Arts

Cake Decorating

492 ***Cake Decorating Project and Record book***	X	At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Record of decorating skills and techniques Project and cake records Project summary and review		Creative Arts Day II ohio4h.org/nonlivestockguidebook

Collecting

496 ***My Favorite Things***	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Creative Arts Day I ohio4h.org/nonlivestockguidebook

Fine Arts

498 ***Quilting the Best Better***	I	All 8 activities and all Quilting Quotes questions At least 2 learning experiences At least 2 leadership/citizenship activities Quilt blocks, a pillow to be donated, and a lap quilt (minimum 30" x 30" and maximum 54" x 72") Project review		Quilt Day ohio4h.org/nonlivestockguidebook
499 ***You Can Quilt!***	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Construct a Rail Fence or Four Patch mini-quilt Project summary and project review		Quilt Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
592 ***Get Started in Art***	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review		Creative Arts Day I ohio4h.org/nonlivestockguidebook
593 ***Seeing Through Graphic Design***	I	All 9 activities, including a portfolio, and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Creative Arts Day I ohio4h.org/nonlivestockguidebook
Genealogy				
442 ***Family History Treasure Hunt***	X	All 4 steps in What to Do, depending on number of years project is taken At least 1 other learning experience At least 1 leadership/citizenship activity Project review and records *(Use the same book 1-6 years.)*		Family Life Day ohio4h.org/nonlivestockguidebook
Photography				
584 ***Photography Basics, Book 1***	B	At least 2 activities in each of 4 project areas and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook *(Use the same book 1-3 years.)*		Photography Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
585 ***Next Level Photography, Book 2***	I	At least 2 activities in each of 4 project areas and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook *(Use the same book 1-3 years.)*		Photography Day ohio4h.org/nonlivestockguidebook
586 ***Mastering Photography, Book 3***	A	At least 2 activities in each of 4 project areas and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook *(Use the same book 1-3 years.)*		Photography Day ohio4h.org/nonlivestockguidebook
589M ***Photography Master***	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity		Photography Day ohio4h.org/nonlivestockguidebook
Scrapbooking				
497 ***Scrapbooking: A 4-H Guide to Preserving Memories***	B	All 3 project areas (the last activity is optional) At least 2 learning experiences At least 2 leadership/citizenship activities A scrapbook Project review		Creative Arts Day I ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
Writing				
588 ***The Writer in You***	I	All 11 activities (including a writing portfolio) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		No state fair event

Food and Nutrition

459 ***Let's Start Cooking***	B	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
481 ***Everyday Food and Fitness***	B	All 7 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
484 ***Snack Attack!***	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
487 ***Take a Break for Breakfast***	B	All 5 activities, including at least 5 recipes At least 2 learning experiences and 2 leadership/citizenship/career activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook

* Project skill level indicates the project's intended audience. **B** = Beginning level—for members with little or no experience in a project area, or 8- to 10-year-olds; **I** = Intermediate level, for members with some experience in a project area, or 11– to 13–year-olds; **A** = Advanced level—for experienced members in a project area, or 14 or older: and **X** = All levels—for all skill and age levels. Exceptions to these age guidelines are noted.

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
461 ***Let's Bake Quick Breads***	I	All 8 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
463 ***Sports Nutrition: Ready, Set, Go***	I	All 5 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
472 ***Grill Master***	I	All 6 activities, including at least 5 recipes and the Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
475 ***Star Spangled Foods***	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
477 ***Party Planner: A 4-H Guide to Quantity Cooking***	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
485 ***Racing the Clock to Awesome Meals***	I	All 7 activities, including 1 recipe and the Notes for Next Time for each activity At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
462 ***Yeast Breads on the Rise***	A	All 5 interest areas, including at least 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project record and summary *(Use the same book 1-2 years.)*		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
467 ***Cooking on My Own***	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
469 ***Global Gourmet***	A	All 7 activities, including preparation of meals and Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
474 ***Beyond the Grill***	A	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
476 ***Kitchen Boss***	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship/career activity Project review		Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*

Healthy Living

300 ***You're the Athlete***	I	At least 1 (of 7) section (Play Book, Practice Field, and Big Event) Either 2 other Play Book and at least 2 Practice Field activities OR 1 other section ((Play Book, Practice Field, and Big Event) At least 2 special learning experiences At least 2 leadership/citizenship/career applications "My Season highlights" (project summary)		Health Day ohio4h.org/nonlivestockguidebook
351 ***Staying Healthy***	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day ohio4h.org/nonlivestockguidebook
353 ***First Aid in Action***	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day ohio4h.org/nonlivestockguidebook
354 ***Medicine Science and Safety***	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Health Day ohio4h.org/nonlivestockguidebook
355 ***Tracking Your Health and Fitness***	I	All 10 activities, all Talking It Over questions, and a health and fitness log At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Health Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
356 ***Relationships 101***	I	All 10 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day ohio4h.org/nonlivestockguidebook
357 ***Alcohol and Drug Abuse***	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review		Health Day ohio4h.org/nonlivestockguidebook
359 ***Your Thoughts Matter***	A	All 10 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day ohio4h.org/nonlivestockguidebook
360 ***Your Feelings Matter***	B	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day ohio4h.org/nonlivestockguidebook
434 ***Superhero You***	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day ohio4h.org/nonlivestockguidebook

Home Living

405 ***The Laundry Project***	B	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		Home Decorating and Design Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
491 ***It's My Home***	B	All 9 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Home Decorating and Design Day ohio4h.org/nonlivestockguidebook
494 ***Makeover My Space***	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Home Decorating and Design Day ohio4h.org/nonlivestockguidebook

Leadership and Citizenship

92 ***4-H Around the Globe***	I	All 7 activities and Talking It Over questions At least two learning experience At least two leadership/citizenship activities Project summary and project review		Leadership Day ohio4h.org/nonlivestockguidebook
370 ***Mentoring: Leadership in Action***	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Leadership Day ohio4h.org/nonlivestockguidebook
371 ***Club Leadership 1***	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review		Leadership Day ohio4h.org/nonlivestockguidebook
383 ***Club Leadership 2***	A	All 11 activities and Talking It Over questions At least 3 individual goals or additional activities At least 2 learning experiences At least 2 citizenship activities Project summary and project review		Leadership Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
372 ***Diversity: The Source of Our Strength***	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review		Leadership Day ohio4h.org/nonlivestockguidebook
373 ***My Hands to Larger Service: Teen Leaders Building Our Communities***	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review		Leadership Day ohio4h.org/nonlivestockguidebook
375 ***Leadership Road Trip: Where Are You Going?***	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review		Leadership Day ohio4h.org/nonlivestockguidebook
376 ***Pantry Panic!***	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Leadership Day ohio4h.org/nonlivestockguidebook
378M ***Leadership Master***	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity		Leadership Day ohio4h.org/nonlivestockguidebook
385 ***Local Government: Answer the Call***	A	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Leadership Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*

Money Management

445 ***Exploring Personal Finance***	B	All 9 activities At least 2 organized activities At least 2 leadership/citizenship activities Project summary and project review		Family Life Day ohio4h.org/nonlivestockguidebook
448 ***Teens . . . On the Road to Financial Success***	A	All 11 activities for Year 1 and for Year 2 At least 2 organized activities At least 2 leadership/citizenship activities *(Use the same book 1-2 years.)*		Family Life Day ohio4h.org/nonlivestockguidebook

Natural Resources

Gardening and Plant Science

670 ***Canning and Freezing***	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
671 ***How Does Your Garden Grow?***	B	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
673 ***Edible Landscapes***	I	All 9 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Natural Resources Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
691 ***Grow Your Own Vegetables***	B	All 11 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
692 ***Growing with the Seasons***	I	All 9 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
The Natural World				
611 ***Explore the Outdoors***	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		Natural Resources Day ohio4h.org/nonlivestockguidebook
612 ***Geology: Can You Dig It?***	B	All 8 activities (including a collection display) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		Natural Resources Day ohio4h.org/nonlivestockguidebook
613 ***Exploring Polar Science***	I	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
617 ***Exploring Ponds***	A	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
620 ***Why Trees Matter***	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
621 ***Ohio Birds***	X	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Observe and record at least 20 different bird species One-page summary *(Use the same book 1-2 years.)*		Natural Resources Day ohio4h.org/nonlivestockguidebook
622 ***Trapping Muskrats in Ohio***	I	All 7 activities At least 3 learning experiences At least 3 leadership/citizenship activities 2 of 3 projects for first year; 2 of 3 projects for second year A poster board *(Use the same book 1-2 years.)*		Natural Resources Day ohio4h.org/nonlivestockguidebook
623 ***Outdoor Adventurer: Beginning Fishing***	B	All 8 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
624 ***Outdoor Adventurer: Intermediate Fishing***	I	All 11 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
641 ***Beekeeping Project and Record Book***	X	Set at least 3 project goals and objectives At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Colony Care and Management section Beekeeping Record		Natural Resources Day ohio4h.org/nonlivestockguidebook
644 ***Insect Adventures 1***	B	All 7 activities, including an insect collection (30 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
645 ***Insect Adventures 2***	I	All 8 activities, including an insect collection (40 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
646 ***Insect Adventures 3***	A	All 7 activities, including an insect collection (50 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
Shooting Sports				
630 ***Safe Use of Guns***	B	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Shooting Sports Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
631 ***Basic Archery***	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review		Shooting Sports Day ohio4h.org/nonlivestockguidebook
750 ***Rifle Member Record Book***	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified rifle instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook
751 ***Archery Member Record Book***	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified archery instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook
752 ***Shotgun Member Record Book***	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified shotgun instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook
753 ***Pistol Member Record Book***	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified pistol instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
754 ***Hunting and Wildlife Member Record Book***	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified hunting/wildlife instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook
755 ***Muzzleloader Member Record Book***	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified muzzleloader instructor; a previously completed rifle, pistol, or shotgun project is strongly recommended		Shooting Sports Day ohio4h.org/nonlivestockguidebook
756 ***Living History Member Record Book***	X	All project book activities, including planning, setting goals, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified shooting sports living history instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook
757 ***Crossbow Member Record Book***	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified crossbow instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
758 ***Western Heritage Project: Youth Activity Guide 1-3***	I, A	Progress through levels 1-3 by creating a project notebook; setting and working to accomplish three goals per level; completing at least one required and three elective activities for each sub-level (Historical Inquiry, Firearms and Shooting, and Clothing and Accoutrements); and completing a shooting requirement. See project book for details. Must be enrolled in a Shooting Sports program under the direction of a certified Western heritage instructor		Shooting Sports Day ohio4h.org/nonlivestockguidebook
Sustainability				
651 ***Be a Sustainability Hero!***	B	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook
652 ***Farm to Table to Career***	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day ohio4h.org/nonlivestockguidebook

Science, Technology, Engineering, and Math (STEM)

Aerospace Science				
501 ***Rockets Away*** (2-Liter Bottle Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a 2-liter bottle rocket Project review		STEM Day ohio4h.org/nonlivestockguidebook

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
502 ***Science Fun with Flight***	B, ages 9-14	All 7 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Build a glider or flyer, or a plastic model airplane or jet Project review		STEM Day ohio4h.org/nonlivestockguidebook
503 ***Rockets Away*** (Solid-Fuel Model Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a solid-fuel model rocket from a kit Project review		STEM Day ohio4h.org/nonlivestockguidebook
503M ***Solid-Fuel Rocketry Master***	A	One major solid-fuel rocketry project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity		STEM Day ohio4h.org/nonlivestockguidebook
549 ***Young Engineers in Space: Missions in Microgravity***	I	All 9 activities At least 2 learning experiences At least 2 citizenship activities Project review		STEM Day ohio4h.org/nonlivestockguidebook
All-Terrain Vehicles (ATV)				
555 ***ATV Safety***	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities		No state fair event

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Bicycle				
517 ***Bicycling for Fun, Level I***	B	At least 7 activities per year Complete the Bicycling for Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections *(Use the same book 1-2 years.)*		No state fair event
518 ***Wheels in Motion, Level 2***	I	At least 7 activities per year Complete the Bicycling for Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections *(Use the same book 1-2 years.)*		No state fair event
Biology				
489 ***Microscope Mysteries***	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review Requires the purchase of a Foldscope		STEM Day ohio4h.org/nonlivestockguidebook
Chemistry				
493 ***Science Fun with Kitchen Chemistry***	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review		STEM Day ohio4h.org/nonlivestockguidebook

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Electricity				
527 ***Magic of Electricity, Level 1***	B	At least 7 activities per year (3 main activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide *(Use the same book 1-3 years.)*		STEM Day ohio4h.org/nonlivestockguidebook
528 ***Investigating Electricity, Level 2***	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide *(Use the same book 1-3 years.)*		STEM Day ohio4h.org/nonlivestockguidebook
531 ***Science Fun with Electricity***	B	All interest areas Experiments and journals for each interest area At least 2 project activities At least 2 leadership/citizenship activities Project summary		STEM Day ohio4h.org/nonlivestockguidebook
Energy				
550 ***Young Engineers in Solar Energy***	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		STEM Day ohio4h.org/nonlivestockguidebook
Food Science				
490 ***Science Fun with Dairy Foods: The Case of the Missing Milk***	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		STEM Day ohio4h.org/nonlivestockguidebook

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Knots				
540 ***Not Just Knots***	X	All 17 activities (including a capstone project) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		STEM Day ohio4h.org/nonlivestockguidebook
Physics				
500 ***Science Fun with Physics***	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		STEM Day ohio4h.org/nonlivestockguidebook
Robotics				
509 ***Robotics Essentials***	I	All 10 activities (including construction of a LEGO® Spike™ Prime or VEX robot) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		STEM Day ohio4h.org/nonlivestockguidebook
512M ***Robotics Master***	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity		STEM Day ohio4h.org/nonlivestockguidebook

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Small Engines and Lawn Care				
541 ***Crank It Up, Level 1***	B	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide *(Use the same book 1-3 years.)*		STEM Day ohio4h.org/nonlivestockguidebook
542 ***Warm It Up, Level 2***	I	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide *(Use the same book 1-3 years.)*		STEM Day ohio4h.org/nonlivestockguidebook
543 ***Tune It Up, Level 3***	A	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide *(Use the same book 1-3 years.)*		STEM Day ohio4h.org/nonlivestockguidebook
544 ***Ready, Set, . . . Mow!***	A	All 13 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		STEM Day ohio4h.org/nonlivestockguidebook
Tractor and Machinery Operation				
552 ***Tractor Operations: Gearing Up for Safety, Level B***	B	Complete all activities	Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
553 ***Moving Out: Learning About Your Tractor and Farm Machinery, Level C***	I	Complete all activities	Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements *See the 4-H State Fair Guidebook for complete details for non-livestock projects.*
554 ***Learning More: Learning About Agricultural Tractors and Equipment, Level D***	A	Complete all activities	Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
Welding				
573 ***Arcs and Sparks***	I	Recommended number of areas, building skills, and developing knowledge questions for your year At least 2 organized project activities At least 2 leadership/citizenship activities Build at least 2 weldments/or other items in book One-page report		Engineering—Welding Day ohio4h.org/nonlivestockguidebook NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).
Woodworking				
556 ***Measuring Up, Level 1***	B	At least 7 activities per year for up to three years At least 2 leadership experiences Planning Guide *(Use the same book 1-3 years.)*		Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.
557 ***Making the Cut, Level 2***	I	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide *(Use the same book 1-3 years.)*		Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.

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558 ***Nailing It Together, Level 3***	I	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide *(Use the same book 1-3 years.)*		Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.
559 ***Finishing Up, Level 4***	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide *(Use the same book 1-3 years.)*		Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.
560M ***Woodworking Master***	A	One major woodworking project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity		Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.

Self-Determined

365 ***Self-Determined***	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary		Self-Determined Day ohio4h.org/nonlivestockguidebook **NOTE: Requirements may be different for self-determined projects that go to state fair on other days.** See the "Ohio State Fair Self-Determined Projects Tip Sheet" at ohio4h.org/selfdetermined for additional information.

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