

2024 Project Completion and Fair Requirements

11/14/2023

* 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.
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About 4-H

91 <i>Discovering 4-H</i>	B	All activities in 9 interest areas Project summary	Must participate in an interview and bring an educational display on one of the units in the book. Bring completed project book.	No state fair event
92 <i>4-H Around the Globe</i>	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	Must participate in an interview and bring an educational display on one of the units in the book. Bring completed project book.	Family Life Day ohio4h.org/nonlivestockguidebook

Animal Sciences

Beef				
117 <i>Beef Project and Record Book</i> (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	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

Companion Animals and Rabbits

200 <i>All About Dogs</i>	B	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display related to project information. Bring dog (unless in heat), completed project book and feed record on day of judging only. Dogs must be brought on leash.	Companion Animal Day ohio4h.org/nonlivestockguidebook
201 <i>Dog Project and Record Book</i> (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)	Must participate in an interview and bring an educational display related to project information. Bring dog (unless in heat), completed project book and feed record on day of judging only. Dogs must be brought on leash.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also ohio4h.org/animalsciences/dog/

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.
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 .	Must participate in an interview and bring an educational display related to project information. Bring dog (unless in heat), completed project book and feed record on day of judging only. Dogs must be brought on leash.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also ohio4h.org/animalsciences/dog/
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	Must participate in an interview and bring an educational display related to project information, completed project book and feed record on day of judging only.	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)	Must participate in an interview and bring an educational display related to project information. Bring your cavy, completed project book and feed record on day of judging.	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	Must participate in an interview and bring educational display related to project information. Bring your cat, project book and feed record on day of judging.	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	Must participate in an interview and bring educational display related to project information. Bring your cat, project book and feed record on day of judging.	Companion Animal Day ohio4h.org/nonlivestockguidebook
218 Leaping Forward, Level 3	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Must participate in an interview and bring educational display related to project information. Bring your cat, project book and feed record on day of judging.	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)	Must participate in an interview and bring educational display related to project information. Bring your cat, project book and feed record on day of judging.	Companion Animal Day ohio4h.org/nonlivestockguidebook

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.
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 <i>Club or county level project review County project</i>	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	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	Must participate in an interview and bring an educational display related to project information. Bring pet, completed project book and feed record on day of judging.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also ohio4h.org/animalsciences/dog/
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)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	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)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	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	Must participate in an interview and bring an educational display related to project information. Bring completed project book.	No state fair event

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.
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 <i>Uniform Rules for 4-H Horse Shows</i> 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 <i>Equine Record Book</i> One-page report	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> 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 <i>Equine Record Book</i>	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also horse.osu.edu .
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 <i>Equine Record Book</i>	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> 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 <i>Equine Record Book</i> One-page summary	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> 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 <i>Equine Record Book</i> One-page summary	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also horse.osu.edu

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.
184 <i>Standardbred Horse</i>	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 <i>Equine Record Book</i> One-page summary	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also horse.osu.edu
186 <i>Gymkhana</i>	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 <i>Equine Record Book</i> One-page summary	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also horse.osu.edu
187 <i>Roping</i>	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 participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also horse.osu.edu
188 <i>Trail Riding</i>	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 <i>Equine Record Book</i> One-page summary	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also horse.osu.edu
189 <i>Dressage</i>	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 <i>Equine Record Book</i> One-page report	EquiStep program for all horse program participants Must participate in skill-a-thon. Bring completed project book and feed record.	Must participate in a dressage competition and meet scoring requirements Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also horse.osu.edu
Llamas and Alpacas				
132 <i>Llama and Alpaca Project and Record Book</i>	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)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See "Open Livestock" events under the Competitions tab at ohiostatefair.com

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.
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)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu
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)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	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	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu
Swine				
139 Market Hog 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	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
140 Swine 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	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. For more detailed information see Project Guide sheet at lucas.osu.edu/4h/livestock	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
Veterinary Science				

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.
244 <i>From Airedales to Zebras, Level 1</i>	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 <i>(Use the same book 1-3 years.)</i>	Must participate in an interview and bring an educational display on one of the units in the project book. Bring completed project book.	Veterinary Science Day ohio4h.org/nonlivestockguidebook
245 <i>All Systems Go! Level 2</i>	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 <i>(Use the same book 1-3 years.)</i>	Must participate in an interview and bring an educational display on one of the units in the project book. Bring completed project book.	Veterinary Science Day ohio4h.org/nonlivestockguidebook
246 <i>On the Cutting Edge, Level 3</i>	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 <i>(Use the same book 1-3 years.)</i>	Must participate in an interview and bring an educational display on one of the units in the project book. Bring completed project book.	Veterinary Science Day ohio4h.org/nonlivestockguidebook

Career Exploration

382 <i>Am I Ready for Work?</i>	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring an educational display on one of the units in the project book. Bring completed project book.	Workforce Preparation Day ohio4h.org/nonlivestockguidebook
386 <i>You're Hired!</i>	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display on one of the units in the project book. Bring completed project book.	Workforce Preparation Day ohio4h.org/nonlivestockguidebook
387 <i>Here, There, Ag Careers Are Everywhere!</i>	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	Must participate in an interview and bring an educational display on one of the units in the project book. Bring completed project book.	Workforce Preparation Day ohio4h.org/nonlivestockguidebook

Clothing and Textile Science

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.
407 <i>Accessories for Teens</i>	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	Must participate in an interview and wear total look outfit that includes the accessory item or items you made. Cannot be worn with another 4-H sewing project. Bring completed project book and pattern(s).	Clothing Days ohio4h.org/nonlivestockguidebook
409 <i>Sew Fun!</i>	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	Must participate in a project review, wear item constructed and complete the outfit for a total look. Bring completed pin cushion, pattern and project book.	Clothing Days ohio4h.org/nonlivestockguidebook
410 <i>Designed by Me</i>	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)	Must participate in an interview and wear total look outfit, which includes your decorated top. Bring completed project book.	Clothing Days ohio4h.org/nonlivestockguidebook
413 <i>Sundresses and Jumpers</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review	Must participate in a project review, wear jumper or sundress, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days ohio4h.org/nonlivestockguidebook
419 <i>Terrific Tops</i>	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	Must participate in a project review, wear jumper or sundress, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days ohio4h.org/nonlivestockguidebook
411 <i>em•bel•lish: A 4-H Guide to Wearable Art</i>	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	Must participate in an interview and wear total look outfit that includes embellished item or items you made. Cannot be worn with another 4-H sewing project. Bring completed project book and pattern(s).	Clothing Days ohio4h.org/nonlivestockguidebook
412 <i>Sew for Others</i>	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	Must participate in an interview, bring “other” wearing garment(s) you constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days ohio4h.org/nonlivestockguidebook

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.
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	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	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	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	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	Must participate in an interview, Bring completed project book and pattern. Note: This is NOT a sewing project	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	Must participate in an interview, wear a total look outfit that you created as part of this project, and bring an educational display on information from the project book. Bring completed project book.	Clothing Days ohio4h.org/nonlivestockguidebook
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	Must participate in an interview, Bring completed project book and pattern. Note: This is NOT a sewing project	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	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days ohio4h.org/nonlivestockguidebook

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417 <i>Dress-Up Outfit</i>	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	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days ohio4h.org/nonlivestockguidebook
420 <i>Outerwear for Anywhere</i>	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 record, summary and evaluation	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days ohio4h.org/nonlivestockguidebook
425 <i>Look Great for Less</i>	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	Must participate in an interview and wear a total look outfit that you selected. Bring completed project book.	Clothing Days ohio4h.org/nonlivestockguidebook
426 <i>Clothing for Your Career</i>	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	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days ohio4h.org/nonlivestockguidebook
432M <i>Sewing and Textiles (non-Clothing) Master</i>	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	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	No state fair event

Communication

377 <i>Finding Your Voice: Public Speaking Made Easy</i>	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
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Creative and Leisure Arts

Cake Decorating

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.
492 <i>Cake Decorating Project and Record book</i>	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	Must participate in an interview. A 9"x13" cake iced and decorated with buttercream icing on a reinforced piece of cardboard (like from a cardboard box) that is 1" bigger all around than the cake (11 x 15). Decorations should include the following: a) top and bottom border, b) a flower arrangement, c) an inscription of your choice such as Best Wishes, Happy Birthday, etc. Bring a poster with pictures of the member planning, shopping, or preparing food. Bring completed project book.	Creative Arts Day II ohio4h.org/nonlivestockguidebook
Collecting				
496 <i>My Favorite Things</i>	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring a scrapbook of activities listed in the Planning of Your Project section. Bring all your collection (if it is not too large). If you have more than one collection, bring only one. Bring an educational display. Bring completed project book.	Creative Arts Day I ohio4h.org/nonlivestockguidebook
Fine Arts				
498 <i>Quilting the Best Better</i>	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	Must participate in a project interview, bring quilt created as part of this project. Bring completed project book.	Quilt Day ohio4h.org/nonlivestockguidebook
499 <i>You Can Quilt!</i>	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	Must participate in a project interview, bring quilt created as part of this project. Bring completed project book.	Quilt Day ohio4h.org/nonlivestockguidebook
592 <i>Get Started in Art</i>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	Must participate in an interview and have at least 3 items created. Be able to discuss the elements of visual art and how you applied them in your project. Bring completed project book.	Creative Arts Day I ohio4h.org/nonlivestockguidebook

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.
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	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	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 <i>(Use the same book 1-6 years.)</i>	Must participate in an interview and bring a scrapbook, file of records used, pictures showing progress, etc. and project records to show results. Each participant will be interviewed and evaluated on their knowledge of genealogy and what they learned in the project, their ability to conduct genealogical research, specifically documentation or references, organization, certificates, personal	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 <i>(Use the same book 1-2 years.)</i>	Must participate in interview. Bring completed project book. Display (single mounted print, prints that tell a "photo story", or prints that illustrate an activity)	Photography Day ohio4h.org/nonlivestockguidebook
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 <i>(Use the same book 1-2 years.)</i>	Must participate in interview. Bring completed project book. Display (single mounted print, prints that tell a "photo story", prints that illustrate an activity, or single print with the news story it illustrates.)	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 <i>(Use the same book 1-2 years.)</i>	Must participate in interview. Bring completed project book. Display (single mounted print, prints that tell a "photo story", prints that illustrate an activity, or single print with the news story it illustrates.)	Photography Day ohio4h.org/nonlivestockguidebook

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.
589M <i>Photography Master</i>	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	Must participate in an interview. Bring completed project book. Bring at least 1 print for display, mounted at participant's discretion, illustrating "the best" of the photographs and demonstrating the area of interest chosen to "master" in this year's project.	Photography Day ohio4h.org/nonlivestockguidebook
Scrapbooking				
497 <i>Scrapbooking: A 4-H Guide to Preserving Memories</i>	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	Must participate in an interview and bring completed project book and scrapbook.	Creative Arts Day I ohio4h.org/nonlivestockguidebook
Writing				
588 <i>The Writer in You</i>	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	Must participate in an interview. Bring writing portfolio completed as part of the project. Submit one writing by June 30 to the Extension office. Bring completed project book.	No state fair event

Food and Nutrition

459 <i>Let's Start Cooking</i>	B	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book 	Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
463 <i>Sports Nutrition: Ready, Set, Go</i>	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	Must participate in an interview and bring the following: <ul style="list-style-type: none"> • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book 	Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
481 <i>Everyday Food and Fitness</i>	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	Must participate in an interview and bring the following: <ul style="list-style-type: none"> • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book 	Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook

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.
484 Snack Attack!	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook

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.
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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook
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.)	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	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	Must participate in an interview and bring the following: • Completed project portfolio • A planned menu for one day using MyPlate • Completed project book	Food and Nutrition Days: three-pronged folder with completed "Portfolio" ohio4h.org/nonlivestockguidebook

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	Must participate in an interview and bring an educational display related to athletics. Bring completed project book.	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.
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	Must participate in an interview and bring an educational display related to athletics. Bring completed project book.	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	Must participate in an interview and bring an educational display related to athletics. Bring completed project book.	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	Must participate in an interview and bring an educational display. Bring completed project book.	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	Must participate in an interview and bring an educational display. Bring completed project book.	Health Day ohio4h.org/nonlivestockguidebook
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	Must participate in an interview and bring an educational display. Bring completed project book.	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	Must participate in an interview and bring an educational display. Bring completed project book.	Health Day ohio4h.org/nonlivestockguidebook
358 The Truth About Tobacco	A	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display. Bring completed project book.	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	Must participate in an interview and bring an educational display. Bring completed project book.	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	Must participate in an interview and bring an educational display. Bring completed project book.	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	Must participate in an interview and bring an educational display. Bring completed project book.	Health Day ohio4h.org/nonlivestockguidebook

Home Living

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.
405 <i>The Laundry Project</i>	B	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring an educational display related to project information. Bring completed project book.	Home Decorating and Design Day ohio4h.org/nonlivestockguidebook
491 <i>It's My Home</i>	B	All 9 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an item or items constructed in your project according to the requirements listed in the book. Visuals to show how the item(s) helps make more pleasing and practical living spaces in your home. Project records to show your accomplishments. Bring completed project books.	Home Decorating and Design Day ohio4h.org/nonlivestockguidebook
494 <i>Makeover My Space</i>	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring visuals (an exhibit of items from your project or pictures, etc.). Bring your project records to show your project accomplishments according to the requirements in your book and your completed project book.	Home Decorating and Design Day ohio4h.org/nonlivestockguidebook
495 <i>Your First Home Away from Home</i>	A	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record	Must participate in an interview. Bring your project records and completed project book. Have an exhibit (items selected or made for your first home, record, pictures, etc.) showing how you've used knowledge, skills, and attitudes related to home environment in planning your first home away from home.	Home Decorating and Design Day ohio4h.org/nonlivestockguidebook

Leadership and Citizenship

370 <i>Mentoring: Leadership in Action</i>	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
371 <i>Club Leadership 1</i>	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook

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 <i>Diversity: The Source of Our Strength</i>	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
373 <i>My Hands to Larger Service: Teen Leaders Building Our Communities</i>	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
374 <i>Teens on Board</i>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
375 <i>Leadership Road Trip: Where Are You Going?</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
375i <i>Leadership Road Trip iBook</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
376 <i>Pantry Panic!</i>	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
378M <i>Leadership Master</i>	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook
383 <i>Club Leadership 2</i>	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	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Leadership Day ohio4h.org/nonlivestockguidebook

Money Management

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.
445 <i>Becoming Money Wise</i>	B	Level I All 11 Making \$ense and all 5 Money Talk activities As many additional More Making \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities Level II All 12 Resource \$ense and 3 Resource Talk activities As many additional More Resource \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities A money journal <i>(Use the same book 1-2 years.)</i>	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Family Life Day ohio4h.org/nonlivestockguidebook
448 <i>Teens . . . On the Road to Financial Success</i>	A	All 11 activities for Year 1 and for Year 2 At least 2 organized activities At least 2 leadership/citizenship activities <i>(Use the same book 1-2 years.)</i>	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Family Life Day ohio4h.org/nonlivestockguidebook

Natural Resources

Gardening and Plant Science				
670 <i>Canning and Freezing</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
671 <i>How Does Your Garden Grow?</i>	B	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring a poster with pictures of the member planning, planting and tending to the garden. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
673 <i>Edible Landscapes</i>	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	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
691 <i>Grow Your Own Vegetables</i>	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	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
692 <i>Growing with the Seasons</i>	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	Must participate in an interview. Bring an educational display and scrapbook of activities. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
The Natural World				

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.
611 <i>Explore the Outdoors</i>	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
612 <i>Geology: Can You Dig It?</i>	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	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
613 <i>Exploring Polar Science</i>	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	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
617 <i>Exploring Ponds</i>	A	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
620 <i>Why Trees Matter</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
621 <i>Ohio Birds</i>	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.)	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
622 <i>Trapping Muskrats in Ohio</i>	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.)	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
623 <i>Outdoor Adventurer: Beginning Fishing</i>	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	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook
624 <i>Outdoor Adventurer: Intermediate Fishing</i>	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	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Natural Resources Day ohio4h.org/nonlivestockguidebook

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	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	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	Must participate in an interview and first-year collection of 30 insects from 8 different orders, named and identified. Bring completed project book.	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	Must participate in an interview and second year collection of 100 insects from 8 different orders, including 25 collected first year, named and identified. Bring completed project book.	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	Must participate in an interview and second year collection of 100 insects from 8 different orders, including 50 collected first 2 years, named and identified. Bring completed project book.	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	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	Shooting Sports Day ohio4h.org/nonlivestockguidebook
631 Basic Archery	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display on one of the units of the book. Bring completed project book.	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	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	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	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

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.
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	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	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	Shooting Sports Day ohio4h.org/nonlivestockguidebook
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	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 hunt and 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	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.	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	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified 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	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified crossbow instructor	Shooting Sports Day ohio4h.org/nonlivestockguidebook

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	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified western heritage instructor	Shooting Sports 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	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
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	Must participate in an interview and bring an airplane or glider built from scratch or from a kit. Bring completed project book and display	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	Must participate in an interview and bring a rocket model. Bring completed project book and display.	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	Must participate in an interview. Bring an educational display on one of the units in the project book. Bring completed project book.	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	Must participate in an interview. Bring an educational display on one of the units in the project book. Bring completed project book.	No state fair event
Bicycle				

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.
517 <i>Bicycling for Fun, Level I</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.)	Must participate in an interview, bring completed project book and an educational display related to the project information is required.	No state fair event
518 <i>Wheels in Motion, Level 2</i>	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.)	Must participate in an interview, bring completed project book and an educational display related to the project information is required.	No state fair event
Chemistry				
493 <i>Science Fun with Kitchen Chemistry</i>	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
Electricity				
527 <i>Magic of Electricity, Level 1</i>	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.)	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
528 <i>Investigating Electricity, Level 2</i>	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.)	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
531 <i>Science Fun with Electricity</i>	B	All interest areas Experiments and journals for each interest area At least 2 project activities At least 2 leadership/citizenship activities Project summary	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
Energy				
550 <i>Young Engineers in Solar Energy</i>	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
Food Science				
490 <i>Science Fun with Dairy Foods: The Case of the Missing Milk</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook

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.
Knots				
540 <i>Not Just Knots</i>	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	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
Physics				
500 <i>Science Fun with Physics</i>	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring an educational display using one of the experiments from the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
Robotics				
509 <i>Robotics Essentials</i>	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	Must participate in an interview and bring completed project book. Bring your engineered robot.	STEM Day ohio4h.org/nonlivestockguidebook
512M <i>Robotics Master</i>	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview and bring completed project book. Bring your engineered robot. Need to purchase LEGO EV3 kit.	STEM Day ohio4h.org/nonlivestockguidebook
Small Engines and Lawn Care				
541 <i>Crank It Up, Level 1</i>	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.)	Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
542 <i>Warm It Up, Level 2</i>	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.)	Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
543 <i>Tune It Up, Level 3</i>	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.)	Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook
544 <i>Ready, Set, . . . Mow!</i>	A	All 13 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book.	STEM Day ohio4h.org/nonlivestockguidebook

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements <i>See the 4-H State Fair Guidebook for complete details for non-livestock projects.</i>
Tractor and Machinery Operation				
551 <i>Starting Up: Getting to Know Your Tractor, Level A</i>	B	Complete all activities	Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional) Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book.	No state fair event
552 <i>Tractor Operations: Gearing Up for Safety, Level B</i>	I	Complete all activities	Participate in Tractor Certification Program (optional) Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional) Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book.	No state fair event
553 <i>Moving Out: Learning About Your Tractor and Farm Machinery, Level C</i>	I	Complete all activities	Participate in Tractor Certification Program (optional) Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional) Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book. Participate in Tractor Rodeo (optional)	No state fair event

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 Certification Program (optional) Participate in Tractor Rodeo (optional) Must participate in an interview. Bring educational display on one of the units in the project book. Bring completed project book.	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	Must participate in an interview and bring completed project book. Bring two of the suggested projects which are found in the project book.	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 <i>(Use the same book 1-3 years.)</i>	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	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 <i>(Use the same book 1-3 years.)</i>	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.
558 Nailing It Together, Level 3	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	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 <i>(Use the same book 1-3 years.)</i>	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.

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.
560M <i>Woodworking Master</i>	A	One major woodworking project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day ohio4h.org/nonlivestockguidebook NOTE: See the State Fair Guidebook for list of allowable tools.

Self-Determined

365 <i>Self-Determined</i>	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	Must bring completed project book and project records, a sample of project work, and a display. This display must include Title of the Project, Background, Areas of Interest, Results, and Conclusion. Judging will consist of an oral interview with a review of the participant's project book, tabletop display, and a sample of the project work. ADDITIONALLY, a ten-minute oral presentation of the project will be required. Again, self-determined projects are judged on merit. However, may be selected to go	Self-Determined Day ohio4h.org/nonlivestockguidebook NOTE: Requirements may be different for self-determined projects that go to state fair on other days.
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