

Project Guide

Project Skill Level—Unless otherwise noted in the project description, skill and age levels for projects are defined as follows:

All Levels (X)—A project appropriate for all skill and age levels.

Beginning (B)—A beginning-level project for members with little or no experience in a project area, or 8 to 10 year olds.

Intermediate (I)—An intermediate-level project for members with some experience in a project area, or 11 to 13 year olds.

Advanced (A)—An advanced-level project for members experienced in a project area, or 14 or older.

County fairs and the state fair often have age requirements that are different than those for project enrollment. When participating in a fair event, be sure to review the related guidelines.

Code	Title	Skill Level	State Fair	Supplement	Page #
About 4-H					
91	Discovering 4-H	B			7
Animal Sciences					
Beef					
117	Beef Project and Record Book				
	<i>117B Beef Breeding</i>	X	◊	◊	7
	<i>117BF Beef Feeder</i>	X	◊	◊	7
	<i>117DF Dairy Beef Feeder</i>	X		◊	7
	<i>117M Market Beef</i>	X	◊	◊	7
Companion Animals and Rabbits					
201	Dog Project and Record Book				
	<i>201D You and Your Dog</i>	X	◊	◊	8
	<i>201O Obedience</i>	X	◊	◊	8
	<i>201S Showmanship</i>	X	◊	◊	8
	<i>201P Performance</i>	X	◊	◊	8
	<i>201W Working Dogs</i>	X	◊	◊	8
215	Cavy Project and Record Book	X	◊	◊	8
216	Purr-fect Pals, Level 1	B	◊	◊	8
217	Climbing Up, Level 2	I	◊	◊	8
218	Leaping Forward, Level 3	A	◊	◊	8
220	Pocket Pets Project and Record Book	X	◊	◊	8
225	Breeding Rabbit Project and Record Book	X	◊	◊	8
226	Market Rabbit Project and Record Book	X	◊	◊	8
227	Pet Rabbit Project and Record Book	X	◊	◊	9
Dairy Cattle					
122	Dairy Heifer Project and Record Book	X	◊	◊	9
126	Dairy Cow Project and Record Book	X	◊	◊	9
Goats					
135	Goat Project and Record Book				
	<i>135D Dairy Goats</i>	X	◊	◊	9
	<i>135F Fiber Goats</i>	X		◊	9
	<i>135H Harness Goats</i>	X		◊	9
	<i>135M Meat Goats</i>	X	◊	◊	9
	<i>135PA Pack Goats</i>	X		◊	9
	<i>135PY Pygmy Goats</i>	X		◊	9

Code	Title	Skill Level	State Fair	Supplement	Page #
Horses					
173	Horseless Horse	B			9
174	Beginning Horse Management	B			9
175	Light Horse Selection	B			9
177	Horse Training: How to Talk to Your Horse	I			9
180	Learning to Jump	I			9
181	Draft Horse	I			10
184	Standardbred Horses	I			10
185	Equine Reproduction and Genetics	A			10
188	Trail Riding	I			10
189	Dressage	I			10
762	Horse Nutrition	A			10
Llama and Alpacas					
132	Llama and Alpaca Project and Record Book	X		◊	10
Poultry					
151	Poultry Production: Raising Pullets	X	◊		10
152	Poultry Production: Raising Broilers	X	◊		10
153	Raising Fancy Poultry	X	◊		10
166	Raising Turkeys	X	◊		10
168	Duck or Goose Project and Record Book	X	◊		10
Sheep					
198	Market Lamb Project and Record Book	X	◊	◊	11
199	Pilot Sheep Breeding Project and Record Book	X	◊	◊	11
Swine					
139	Market Hog Project and Record Book	X	◊	◊	11
140	Pilot Swine Breeding Project and Record Book	X	◊	◊	11
Veterinary Science					
244	From Airedales to Zebras, Level 1	B	◊		12
245	All Systems Go!, Level 2	I	◊		12
246	On the Cutting Edge, Level 3	A	◊		12

Code	Title	Skill Level	State Fair	Supplement	Page #
Child and Family Development					
434	Growing on My Own, Step 1	B	◊		12
435	Growing With Others, Step 2	I	◊		12
436	Growing in Communities, Step 3	A	◊		12
442	Family History Treasure Hunt	X	◊		12
Clothing and Textiles					
406	Clothes for High School and College	A	◊		13
407	Accessories for Teens	B	◊		13
408	Creative Costumes	A	◊		14
409	Sew Fun	B	◊		13
410	Fun with Clothes	B	◊		13
411	em·bel·lish: A 4-H Guide to Wearable Art	I	◊		13
412	Sew for Others	I	◊		14
413	Sundresses and Jumpers	B	◊		13
415	Active Sportswear	I	◊		14
417	Dress-Up Outfit	A	◊		14
418	Loungewear	X	◊		14
419	Tops for Tweens	B	◊		13
420	Outer Layers	A	◊		13
423	Sportswear for Spectators	I	◊		14
424	Clothing for Middle School	I	◊		13
425	Frugal Fashion	A	◊		13
426	Clothing for Your Career	A	◊		14
430	Shopping Savvy	X	◊		14
431M	Clothing Master	A	◊		14
432M	Sewing and Textiles (non-Clothing) Master	A	◊		14
Creative and Leisure Arts					
Cake Decorating					
492	Cake Decorating Project and Record Book	X	◊	◊	15
Collecting					
496	Collectibles	B			15
Fine Arts					
499	You Can Quilt!	I	◊		15
592	Get Started in Art	X	◊		15
Photography					
584	Focus on Photography, Level 1	B	◊		15
585	Controlling the Image, Level 2	I	◊		15
586	Mastering Photography, Level 3	A	◊		15
Scrapbooking					
497	Scrapbooking: A 4-H Guide to Preserving Memories	B	◊		15
Theater Arts					
596	Play the Role	I			15
597	Become a Puppeteer!	I			15
598	Set the Stage	I			15

Code	Title	Skill Level	State Fair	Supplement	Page #
Writing					
587	Writing and Reporting for Teenagers	A			16
588	Creative Writing for Teens	I			16
Food and Nutrition					
459	I Spy in the Kitchen	B	◊		16
461	Let's Bake Quick Breads	I	◊		16
462	Yeast Breads on the Rise	A	◊		17
463	Sports Nutrition2: Get Set!	I	◊		16
467	You're the Chef	A	◊		17
469	Global Gourmet	A	◊		17
472	Grill Master	I	◊		16
475	Star Spangled Foods	I	◊		17
476	Pathways to Culinary Success	A	◊		17
477	Party Planner: A 4-H Guide to Quantity Cooking	I	◊		17
481	Food and Fitness for Fun	B	◊		16
482	Food and Fitness Choices for You	I	◊		17
483	Sports Nutrition1: On Your Mark!	B	◊		16
484	Snack Attack!	B	◊		16
485	Racing the Clock to Awesome Meals	I	◊		17
486	Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices	I	◊		17
487	Fast Break for Breakfast	B	◊		16
Healthy Living					
300	You're the Athlete	I	◊		17
351	Staying Healthy	B	◊		17
352	Keeping Fit	I	◊		17
353	First Aid in Action	B	◊		17
357	Alcohol and Drug Abuse	A	◊		17
358	The Truth About Tobacco	A	◊		18
Home Living					
491	Adventures in Home Living	B	◊		18
494	Makeover My Space	I	◊		18
495	Your First Home Away From Home	A	◊		18
Leadership and Citizenship					
370	One on One	A	◊		18
371	Club Teen Leadership	A	◊		18
372	Multi-Level 4-H Teen Leadership	A	◊		18
373	Teen Leadership on the Job	A	◊		18
374	Teen Boardsmanship	A	◊		18
377	Speak Out	A	◊		18
378M	Leadership Master	A	◊		18
Money Management					
445	Becoming Money Wise	B	◊		19
446	Money Fun-damentals	I	◊		19
447	Money Moves	I	◊		19
448	Teens . . . On the Road to Financial Success	A	◊		19

Code	Title	Skill Level	State Fair	Supplement	Page #
Natural Resources					
Gardening and Plant Science					
670	Canning and Freezing	I	◇		20
671	How Does Your Garden Grow?	B	◇		20
691	Vegetable Gardening 1	B			20
692	Growing with the Seasons	I			20
The Natural World					
611	Let's Explore the Outdoors 1	B	◇		20
613	Exploring Our Forests	I	◇		20
614	Tree Planting	I	◇		20
617	Exploring Ohio Ponds	B	◇		20
621	Ohio Birds	B	◇		20
622	Trapping Muskrats in Ohio	I	◇		20
623	Fishing for the Beginner	B	◇		20
624	Fishing for the Intermediate	I	◇		20
641	Beekeeping Project and Record Book	X	◇		20
644	Exploring Our Insect World 1	B	◇		20
645	Exploring Our Insect World 2	I	◇		20
Shooting Sports					
630	Safe Use of Guns	B	◇		20
631	Basic Archery	B	◇		20
Science, Technology, Engineering, and Math					
Aerospace					
501	Rockets Away (2-liter bottle)	B	◇		21
502	Science Fun with Flight	B	◇		21
503	Rockets Away (Solid-Fuel Model Rockets)	B	◇		21
All-Terrain Vehicles (ATV)					
555	ATV Safety	X	◇		21
Bicycle					
517	Bicycling for Fun, Level 1	B	◇		21
518	Wheels in Motion, Level 2	I	◇		21
Electricity					
527	Magic of Electricity, Level 1	B	◇		22
528	Investigating Electricity, Level 2	I	◇		22
529	Wired for Power, Level 3	I	◇		22
530	Entering Electronics, Level 4	A	◇		22
531	Science Fun with Electricity	B	◇		22
Food Science					
490	Science Fun with Dairy Foods: The Case of the Missing Milk	B	◇		22
Radio Controlled Vehicles					
504	Electric Radio-Controlled Vehicles	I	◇		22
Robotics					
509	Robotics 1: NeXT Technology	I	◇		22
510	Robotics 2: NeXT Steps	A	◇		22
Rope					
540	Rope	X	◇		23

Code	Title	Skill Level	State Fair	Supplement	Page #
Small Engines and Lawn Care					
541	Crank It Up, Small Engines 1	B	◇		23
542	Warm It Up, Small Engines 2	I	◇		23
543	Tune It Up, Small Engines 3	A	◇		23
548	Lawn Care	X	◇		23
Tractor and Machinery Operation					
551	Starting Up: Getting to Know Your Tractor, Level A	B	◇		23
552	Tractor Operations: Gearing Up for Safety, Level B	I	◇		23
553	Moving Out: Learning About Your Tractor and Farm Machinery, Level C	I	◇		23
554	Learning More: Learning About Agricultural Tractors and Equipment, Level D	A	◇		23
561	National Safe Tractor and Machinery Program, Student Manual	A	◇		23
Welding					
573	Arcs and Sparks—Shielded Metal Arc Welding	I	◇		24
Woodworking					
556	Measuring Up, Level 1	B	◇		24
557	Making the Cut, Level 2	I	◇		24
558	Nailing It Together, Level 3	I	◇		24
559	Finishing Up, Level 4	A	◇		24
Self-Determined					
365.01	Astronomy	X	◇		24
365.02	Model Railroad	X	◇		24
365.03	Weather	X	◇		24
365.04	Clowning	X	◇		24
365.05	Rocks, Minerals, and Fossils	X	◇		24
365.06	American Sign Language	X	◇		24
365.07	Computers	X	◇		24
365.08	Discovering Genetics	X	◇		24
365.09	Canoeing	X	◇		24
365.10	Local Foods: Does It Matter What You Eat?	X	◇		24
365.11	Camp Counseling	X	◇		24
365.12	Digital Imaging	X	◇		24
365.13	Reptiles and Amphibians	X	◇		24
365.14	Climate Change	X	◇		24
365.16	Viruses, Bacteria, and Fungi, Oh My!	X	◇		24
365.17	Babysitting	X	◇		24
365.18	Ways of Knowing Water	X	◇		24
365.19	The Work World Is Calling . . . Are You Ready?	X	◇		24
365.21	Skateboarding	X	◇		24
365.22	Pigeons	X	◇		24
365.23	Native American Artifacts	X	◇		24
Workforce Preparation					
379	Get in the Act! Take 1	B			24

Group Projects

Code	Title	Skill Level	State Fair	Supplement	Page #
Animal Sciences					
230GPM	PetPALS: Leader's Guide	X	◊		25
Cloverbuds					
710GPM	Ohio Cloverbud Program Manual—Series 1				25
711GPM	Ohio's 4-H Cloverbud Program—Series II Curriculum Instructional Materials				25
712GPM	Connect to College				25
Leadership and Citizenship					
380	Project Citizen, Level 1	I	◊		26
381	Project Citizen, Level 2	A	◊		26
511GPM	CARTEENS				26
Shooting Sports					
750	Rifle Member Record Book	X	◊		26
751	Archery Member Record Book	X	◊		26
752	Shotgun Member Record Book	X	◊		26
753	Pistol Member Record Book	X	◊		26
754	Hunting/Wildlife Member Record Book	X	◊		26
755	Muzzleloading Member Record Book	X	◊		26
756	Living History Member Record Book	X	◊		26
School Enrichment					
Afterschool Agriculture					
760GPM	Acres of Adventures 1				26
761GPM	Acres of Adventures 2				27
Food and Nutrition					
488GPM	Team Up for Good Nutrition				27
Food Science					
498GPM	Science Fun With Dairy Foods Leader's Guide				27
Gardening and Plant Science					
496GPM	Growing Together				27
Money Management					
441GPM	Real Money, Real World (CD)				27
Science Alive					
167GPM	ChickQuest: The Scientific Journey Through a Life Cycle (Teacher Guide)				27
489GPM	Breads of the Harvest				27
501GPM	Rockets Away!: Exploring the Science of Forces and Motion (Teacher Guide)				28
603GPM	Weather Together				28
625GPM	Fishy Science				28
695GPM	Go Plants!				28

Projects for Younger Members

Do you have a beginning-level 4-H member who is just learning about 4-H projects? The titles below are all good choices for our very youngest members.

91	Discovering 4-H	7
173	Horseless Horse	9
216	Purr-fect Pals, Level 1	8
244	From Airedales to Zebras, Level 1	12
409	Sew Fun	13
410	Fun with Clothes	13
459	I Spy in the Kitchen	16
484	Snack Attack!	16
502	Science Fun with Flight	21
517	Bicycling For Fun, Level 1	21
531	Science Fun with Electricity	22

Ohio 4-H Learning Lab Kits

Yes, you've found them! Learning Lab Kits from Ohio 4-H are your answer for species-specific, hands-on, durable learning materials. Use for teaching and evaluating knowledge of livestock and companion animals. Perfect for 4-H clubs, FFA chapters, skillathons, agricultural association activities, and more. Kits offered cover beef, dairy, dog, horse, poultry, rabbit, sheep, and swine. For a complete list, descriptions, and prices, please go to www.ohio4h.org/learninglabkits.

