

Project Number & 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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Natural Resources

Agronomy				
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668 <i>Field Crops and Forages</i>	B	All 9 activities At least 2 organized activities At least 2 leadership/citizenship activities Project summary and project review	Will be announced when project book becomes available.	Natural Resources Day ohio4h.org/nonlivestockguidebook
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	JUDGING: Bring completed project book including required activities/experiences. Bring a poster or education display and at least two jars of canned goods that you canned. Be prepared to discuss your project with the judge. FAIR: Canned item and/or educational display	Natural Resources Day ohio4h.org/nonlivestockguidebook

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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	<p>JUDGING: Bring completed project book, documentation of flower gardening and an educational display on a selected topic from your project book. Be prepared to answer questions about the project.</p> <p>EDUCATIONAL DISPLAY: Create and bring an educational display on a selected topic from your project book.</p> <p>FLOWER DISPLAY: 1st & 2nd year members may bring a display of 3 different flowers. 3rd year members & beyond may display 6 different flowers. Flowers may be cut and placed in a clear container with water or displayed in their growing container/planter. Must be able to be handled by exhibitor.</p> <p>FAIR: Educational display and/or flower display.</p> <p>Suggested Flowers and Number of Blooms for Flower Display: Annual Asters, 5 blooms Petunias, 3 blooms, Snapdragons, 5 spikes Zinnia, large type, 3 blooms Zinnia, pompon type, 5 blooms Impatiens, 3 blooms Salvia, 5 spikes Geraniums, 3 blooms Marigolds, 3 to 5 blooms Any other annual flower, 3 to 5 blooms or spikes.</p> <p>Must be able to be handled by exhibitor.</p>	Natural Resources Day ohio4h.org/nonlivestockguidebook

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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	JUDGING: Completed project book, completed diagram of your garden and an educational display. Be prepared to answer questions about the project. FAIR: Educational display	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	JUDGING: Completed project book, completed diagram of your garden. Bring sample of food grown or poster or an educational display showing knowledge gained from project. Be prepared to answer questions about the project. FAIR: Educational display	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	JUDGING: Completed project book, completed diagram of your garden. Bring sample of food grown or poster or an educational display showing knowledge gained from project. Be prepared to answer questions about the project. FAIR: Educational display	Natural Resources Day ohio4h.org/nonlivestockguidebook

The Natural World

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611 <i>Explore the Outdoors</i>	B	<p>All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review</p>	<p>JUDGING: Bring to judging completed project book and an educational display illustrating something you learned in this project. Be prepared to discuss activities completed and information learned in the project book. Your display might show one or more of these examples: a. Create a journal and document (Date and Location) at least one or two items you found or learned during each outing. Bring 2 or 3 items found during your outdoor adventures (No Animals). b. Make a poster on woods lore -- how you can take care of the outdoors. c. Make a poster showing an animal; where you found it, its den or nest, what it eats and tracks it makes. d. Exhibit the results from one of your special activities.</p> <p>FAIR: Educational display or poster</p>	<p>Natural Resources Day ohio4h.org/nonlivestockguidebook</p>

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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	JUDGING: Bring completed project book and educational display or poster on a selected topic from the project. Be prepared to answer questions about the project. FAIR: Educational display or poster	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	JUDGING: Bring completed project book and educational display on a selected topic from the project. Be prepared to answer questions about the project. FAIR: Educational display or poster	Natural Resources Day ohio4h.org/nonlivestockguidebook
616 <i>Water Matters</i>	B	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	JUDGING: Bring completed project book and educational display on a selected topic from the project. Be prepared to answer questions about the project. FAIR: Educational display or poster	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	JUDGING: Bring completed project book and an educational display on a selected topic from the project. Be prepared to answer questions about the project. FAIR: Educational display or poster	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	JUDGING: Bring completed project book, records notebook, and an educational display exhibiting information learned and/or skills gained. Be prepared to answer questions about the project. FAIR: Educational display or poster	Natural Resources Day ohio4h.org/nonlivestockguidebook

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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 <i>(The same book can be used for up to 2 years.)</i>	JUDGING: Bring to judging completed project book, a one- page story of the important things you learned, and an educational poster showing 10 different birds and something you learned about them. Be prepared to discuss field trips and other activities completed. FAIR: Educational display or poster	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 <i>(The same book can be used for up to 2 years.)</i>	JUDGING: First year members will be responsible for material covered on Chapters 1-3 (pg. 5-24). Second year members will be responsible for material covered on Chapters 1-4 (pg. 25-39). Bring completed project book, educational poster, muskrat pelt or journal. Be prepared to discuss topics covered in project book as well as field trips and other activities completed. 1st Year - Exhibit an educational poster based on first year requirements on muskrat trapping. Display poster in your club booth or the Countywide Booth. 2nd Year - Exhibit their own muskrat pelt (include labeled pictures), or keep a journal of trapping experiences. Display exhibit in your club booth or the Countywide Booth. FAIR: Educational display or poster	Natural Resources Day ohio4h.org/nonlivestockguidebook

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623 <i>Outdoor Adventurer: Beginning Fishing</i>	B	See each project book for complete details. 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	JUDGING: Bring completed project book and a poster or educational display showing something you have learned in the project you have taken. Also bring to judging your fishing pole and tackle box. Be prepared to discuss information from your specific project book and tell about activities completed. FAIR: Educational display or poster	See the 4-H State Fair Guidebook for complete details for non-livestock projects 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	JUDGING: Bring completed project book and a poster or educational display showing something you have learned in the project you have taken. Also bring to judging your fishing pole and tackle box. Be prepared to discuss information from your specific project book and tell about activities completed. FAIR: Educational display or poster	Natural Resources Day ohio4h.org/nonlivestockguidebook

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	JUDGING: Bring completed project book, record of activities and an exhibit/educational display. Be prepared to answer questions about the project. FAIR: Exhibit insect collection or educational display.	Natural Resources Day ohio4h.org/nonlivestockguidebook
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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	JUDGING: Bring completed project book and other records to judging. Create and bring a 30 insect collection of different adult insects representing as many orders as possible to judging. FAIR: Exhibit insect collection.	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	JUDGING: Bring completed project book and other records to judging. Create and bring a 40 insect collection of different adult insects representing as many orders as possible to judging. FAIR: Exhibit insect collection.	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	JUDGING: Bring completed project book and other records to judging. Create and bring a 50 insect collection of different adult insects representing as many orders as possible to judging. FAIR: Exhibit insect collection.	Natural Resources Day ohio4h.org/nonlivestockguidebook

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Sustainability				
651 <i>Be a Sustainability Hero!</i>	B	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	JUDGING: Bring completed project book and an educational display exhibiting information learned and/or skills gained. Be prepared to answer questions about the project. FAIR: Educational display.	Natural Resources Day ohio4h.org/nonlivestockguidebook
652 <i>Farm to Table to Career</i>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	JUDGING: Bring completed project book and an educational display exhibiting information learned and/or skills gained. Be prepared to answer questions about the project. FAIR: Educational display.	Natural Resources Day ohio4h.org/nonlivestockguidebook

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