

* 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. # - Not Eligible for State Fair Competition

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	Fair Display Requirement
The Natural World				
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	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.	Exhibit one of the above items in your 4-H Club Booth or the Countywide Booth
612 Geology: Can You Dig It?	B	All 8 activities (including a collection display) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Bring your completed project book to judging. Create and bring an educational display on selected topic from the project and your collection display.	Exhibit poster or educational displaying your 4-H Club Booth or the Countywide Booth.
613 Exploring Polar Science	I	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Bring your completed project book to judging. Create and bring an educational display on a selected topic from the project and your collection display. Be prepared to discuss information contained in the book and any activities you have done	Exhibit poster or educational displaying your 4-H Club Booth or the Countywide Booth.
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	Bring to judging your project book with required completed activities and an educational poster or display on something you have learned in the project. Be prepared to discuss information contained in the book and any activities you have done	Exhibit poster or educational displaying your 4-H Club Booth or the Countywide Booth.

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620 <i>Why Trees Matter</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to judging: your project book with required completed activities and an educational poster or educational display on something you have learned in the project. Be prepared to discuss information contained in the book and any activities you have done.	Exhibit poster or educational displaying your 4-H Club Booth or the Countywide Booth.
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	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.	Exhibit poster or educational displaying your 4-H Club Booth or the Countywide Booth.
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	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.
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	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.	Exhibit poster in your 4-H Club Booth or the Countywide Booth.
624 <i>Outdoor Adventurer: Fishing for the Intermediate</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	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.	Exhibit poster in your 4-H Club Booth or the Countywide Booth.

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641 <i>Beekeeping Project and Record Book</i>	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	Bring Completed project book including records, and photos. Bring poster or educational exhibit teaching about an activity from project.	Display a poster or educational exhibit that tells about your project experience in your Club Booth or the Countywide Booth.
644 <i>Insect Adventures 1</i>	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	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.	Exhibit educational poster/display in your 4-H Club Booth or the Countywide Booth.
645 <i>Insect Adventures 2</i>	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	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.	Exhibit educational poster/display in your 4-H Club Booth or the Countywide Booth.
646 <i>Insect Adventures 3</i>	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	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.	Exhibit educational poster/display in your 4-H Club Booth or the Countywide Booth.
Shooting Sports				
630 <i>Safe Use of Guns</i>	B	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to judging your completed project book and report. Be prepared to discuss poster brought as well as other activities completed. Bring an educational display or educational poster sharing something you have learned.	Exhibit educational poster/display in your 4-H Club Booth or the Countywide Booth.

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631 Basic Archery	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	Bring an educational poster/display showing something you have learned in this project. Also bring a record of activities completed and be prepared to discuss information contained in the project book. NOTE: NO BOWS OR ARROWS are to be displayed or brought to the fairgrounds.	Exhibit educational poster/display in your 4-H Club Booth or the Countywide Booth.
750 Rifle Project 751 Archery Project 752 Shotgun Project 753 Pistol Project 754 Hunting/ Wildlife Project 755 Muzzleloading Project 756 Living History Project	X	Not Offered in Crawford County		

Science, Technology, Engineering, and Math (STEM)

Aerospace Science

Rockets and planes brought to judging are not required to be launched. Simple snap together plastic models kits are discouraged. All plans and rockets should require assembly, gluing, sanding, and painting, (unless bottle rockets are used for Rocket Away)

501 Rockets Away (2-Liter Bottle Rockets) Rockets and planes brought to judging are not required to be launched. Simple snap together plastic model kits are discouraged. All planes and rockets should require assembly, gluing, sanding, and painting, (unless bottle rockets are used for Rockets Away).	B, ages 10-17	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	Bring completed project book and a rocket that you have built. Do not include the motor or fuel. Be prepared to discuss construction of the model, recorded launch trails and what you learned from the project.	Display rocket in Club Booth that tells about your project experience.
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