

# 2022 Project Completion and Fair Requirements

3/22/22

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	Bring completed book, written summary and poster illustrating something you learned to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and poster.	No state fair event
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**Exhibitors may do either an educational display or a poster. If you choose to do a poster, it may be no larger than 22" x 28" on flat poster board.**

**Do not use foam board , tri-fold, or anything with a stiff backing. Shadow boxes, overlays, or three-dimensional posters are not permitted.**

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**THE OHIO STATE UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES



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92 <i>4-H Around the Globe</i>	I	All seven activities, including the Talking It Over questions At least two learning experience At least two leadership/citizenship activities Project summary and project review	Bring completed project book and educational display to judging.	<a href="#">Family Life Day</a> : completed project book, display, and interview

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215 <i>Cavy Project and Record Book</i>	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)	Bring completed project book and cavy (guinea pig) in suitable cage, and educational display.	<a href="#">Companion Animal Day</a>

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216 <i>Purr-fect Pals, Level 1</i>	B	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Bring cat in a suitable cage, completed project book, other resource material used for project and educational display to judging.	<a href="#">Companion Animal Day</a>

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217 <i>Climbing Up!</i> Level 2	I	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Bring cat in a suitable cage, completed project book, other resource material used for project and educational display to judging.	<a href="#">Companion Animal Day</a>

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218 <i>Leaping Forward, Level 3</i>	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Bring cat in a suitable cage, completed project book, other resource material used for project and educational display to judging.	<a href="#">Companion Animal Day</a>

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220 <i><b>Pocket Pets Project and Record Book</b></i>	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)	Bring pocket pet in a suitable cage, completed project book, other resource material used for project and educational display relating to care and maintenance or history of pocket pet to judging.	<a href="#">Companion Animal Day</a>

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<p>227 <i><b>Pet Rabbit Project and Record Book</b></i></p>	<p>X</p>	<p>Project animal by required date          At least 1 topic of interest          At least 8 activities          At least 2 project experiences          At least 2 leadership/citizenship activities          Quality Assurance and Rabbit Records sections          Club or county level project review          County project judging (may be optional)</p>	<p>Bring pet rabbit in a suitable cage, completed project book, other resource material used for project and educational display to judging.</p>	<p><a href="#">Companion Animal Day</a></p>
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230 <b>4-H PetPALS Project and Record Book</b>	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	Bring project book, record of activities done and your pet to judging. Also, create and bring an educational display on a selected topic related to the project.	No State Fair Level evaluation

## Clothing and Textile Science

407 <b>Accessories for Teens</b>	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	Bring completed project book, and any other documentation specific to book as listed in project guidelines. Wear at least one accessory you made, with the outfit for which it was designed.	<a href="#">Clothing Day</a> : completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for)
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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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and fully elastic-waisted skirt, shorts, pants, or capris

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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)	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit

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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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and the sundress or jumper you constructed
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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and the top you constructed with accessories

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411 <i>em•bel•lish:</i> <b>A 4-H Guide to Wearable Art</b>	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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book, completed notebook with at least 3 samples of embellishment techniques you tried and embellishment(s) on at least one garment

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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	Bring completed project book, pattern, any other documentation specific to book as listed in project guidelines. Your “other” should be present and wear the garment constructed for the project Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit (It is desirable but not required for the “other” to wear the outfit. Also, if the project is repeated, a new category of “other” must be selected)
415 <i>Ready, Set, Sew Active!</i>	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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit

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418 <i>Loungewear</i>	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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model garment and total look. Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and lounging outfit

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424 <i><b>Clothing for Middle School</b></i>	I, ages 10-14	<p>All 5 interest areas</p> <p>At least 1 garment with sleeves <b>or</b> a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves</p> <p>At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience.</p> <p>Project evaluation and project summary</p>	<p>Bring completed project book, garment, completed style revue narration form &amp; clear dry cleaner bag.</p> <p>Wear and model garment and total look. Interview over project material.</p> <p>Participate in Style Revue during the fair</p>	<p><a href="#">Clothing Day</a>: completed project book and garment you constructed</p>

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430 <i>Shopping Savvy</i>	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review	Bring completed project book, educational display, and completed style revue narration form. Interview over project material. Participation in Style Revue during the fair is highly encouraged, but not required to place	<a href="#">Clothing Day</a> : completed project book and outfit

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406 <b><i>Clothes for High School and College</i></b>	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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model outfit Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit
408 <b><i>Creative Costumes</i></b>	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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model outfit Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and costume you made for yourself

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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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model outfit Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit
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 summary and project review	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model outfit Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit

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425 <b>Look Great for Less</b>	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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model outfit Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit

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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 Project record and evaluation	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model outfit Interview over project material. Participate in Style Revue during the fair	<a href="#">Clothing Day</a> : completed project book and outfit.
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	Bring completed project book, garment, completed style revue narration form & clear dry cleaner bag. Wear and model outfit Interview over project material. Participate in Style Revue during the fair	No state fair event

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## Communication

377 <i><b>Finding Your Voice: Public Speaking Made Easy</b></i>	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and educational display showing what you have learned in your leadership project. Those completing the iBook version will need to bring their own tablet with completed records, in addition to an educational display.	<a href="#">Leadership Day</a> : completed project book, display, and interview
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## Creative and Leisure Arts

### Cake Decorating

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492 <b><i>Cake Decorating Project and Record book</i></b>	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	Bring completed project book, <b>one</b> decorated cake (may decorate actual cake or Styrofoam base) for display.	<a href="#">Creative Arts Day II</a> : completed project book, display, and interview
<b>Collecting</b>				
496 <b><i>My Favorite Things</i></b>	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, project summary, collection (limit to 3'x3'), and educational display.	<a href="#">Creative Arts Day I</a> : completed project book, display (representing their learning experience), and interview

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<b>Fine Arts</b>				
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	Bring completed project book, <b>one</b> lap quilt (as per pattern(s) provided in the project book), pattern, 5" x 5" square of material used, and supporting materials for quilt.	<a href="#">Quilt Day</a> : completed project book, quilt and interview
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	Bring completed project book, <b>one</b> mini quilt (as per pattern(s) provided in the project book), pattern, 5" x 5" square of material used, and supporting materials for quilt.	<a href="#">Quilt Day</a> : completed project book, mini quilt, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
592 <b>Get Started in Art</b>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	Bring completed book, project summary, and <b>one</b> completed project, and educational display.	<a href="#">Creative Arts Day I</a> : completed project book, display (piece of art/poster), and interview
593 <b>Seeing Through Graphic Design</b>	I	All 9 activities, including a portfolio, and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Bring completed book, project summary, <b>one</b> project and educational display.	<a href="#">Creative Arts Day I</a> : completed project book, display (portfolio), and interview
<b>Genealogy</b>				
442 <b>Family History Treasure Hunt</b>	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>	Bring completed project book, research journal, pedigree charts, and educational display that shows your family history research to judging.	<a href="#">Family Life Day</a> : pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation

\* 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.
<b>Photography</b>				
584 <b>Photography Basics, Book 1</b>	B	At least 2 activities in each of the 4 project areas and the 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 1-3 years.)</i>	Bring completed project book, camera(s) used, other materials you feel demonstrate your learning experiences, along with creating and bringing one of the following: <b>A.</b> A single print any size mounted at your discretion <b>B.</b> A collection of prints illustrating a photo story	<a href="#">Photography Day</a> : completed project book, display (single mounted print, prints that tell a “photo story,” or prints that illustrate an activity), and interview

\* 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.
585 <i>Next Level Photography, Book 2</i>	I	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook (Use the same book 1-3 years.)	Bring completed project book, camera(s) used, other materials you feel demonstrate your learning experiences, along with creating and bringing one of the following: A. A single print any size mounted at your discretion B. A collection of prints illustrating a photo story	<u>Photography Day</u> : 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)

\* 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.
586 <b>Mastering Photography, Book 3</b>	A	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook (Use the same book 1-3 years.)	Bring completed project book, camera(s) used, other materials you feel demonstrate your learning experiences, along with creating and bringing one of the following: A. A single print any size mounted at your discretion B. A collection of prints illustrating a photo story	<u>Photography Day</u> : 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)

\* 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.

589M <i>Photography Master</i>	A	<p>One major photography project          At least 2 learning experiences          At least 2 citizenship activities          Project records including interview, budget,          and portfolio          Judging activity</p>	<p>Bring completed project book, camera(s) used, other materials you feel demonstrate your learning experiences, along with creating and bringing one of the following:          A. A single print any size mounted at your discretion          B. A collection of prints illustrating a photo story</p>	<p><u>Photography Day</u>: completed project book, <b>bring at least (1) one print for display, mounted at participant's discretion</b>, illustrating "the best" of the photographs and demonstrating the area of interest chosen to "master" in this year's project.</p>
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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.
<b>Scrapbooking</b>				
497 <b>Scrapbooking: A</b> <b>4-H Guide to Preserving Memories</b>	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	Bring completed book, project summary, and <b>one</b> scrapbook, and educational display. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and art items.	<a href="#">Creative Arts Day I</a> : completed project book, display, and interview

\* 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.
<b>Writing</b>				
588 <i>The Writer in You</i>	I	All 11 activities (including a writing portfolio) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Bring completed project book, one writing sample, and any other additional writings that are in a writing portfolio.  One writing sample must be submitted by Noon. on Friday, July 8 for pre-judging. In order to keep track of entries, the member's full name, club and class name should appear on the cover page. Entries should be emailed to <a href="mailto:stevens.1068@osu.edu">stevens.1068@osu.edu</a>	No state fair event

\* 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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## 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	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"
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	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"

\* 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.
476 <b>Kitchen Boss</b>	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"
481 <b>Everyday Food and Fitness</b>	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	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"

\* 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.

484 <b><i>Snack Attack!</i></b>	B	<p>All 7 activities, including 7 recipes          At least 2 learning experiences          At least 2 leadership/citizenship activities          Project review</p>	<p>Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. *          Exhibit Menu and Recipe (8½x11) with name on back</p>	<p><a href="#">Food and Nutrition Day</a>: three pronged folder with completed "Portfolio"</p>
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\* 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.
486 <i>Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, project presentation folder. Exhibit project display/poster at fair.	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"
487 <i>Take a Break for Breakfast</i>	B	All 5 activities, including at least 5 recipes At least 2 learning experiences and 2 leadership/citizenship/career activities Project review	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
461 <i>Let's Bake Quick Breads</i>	I	All 8 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"
472 <i>Grill Master</i>	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	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"

\* 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.
474 <i>Beyond the Grill</i>	A	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"
475 <i>Star Spangled Foods</i>	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"

\* 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.
477 <b>Party Planner: A 4-H Guide to Quantity Cooking</b>	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed “Portfolio”
485 <b>Racing the Clock to Awesome Meals</b>	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	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed “Portfolio”

\* 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.
462 <i>Yeast Breads on the Rise</i>	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 <i>(Use the same book 1-2 years.)</i>	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"
467 <i>You're the Chef</i>	A	All 8 interest areas, including 7 meals At least 2 learning experiences At least 2 leadership/citizenship activities Project record, evaluation at the end of each interest area, and review	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"

\* 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.
469 <i>Global Gourmet</i>	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	Bring completed project book, project presentation folder, menu for the day, one place setting, recipe used and a family-sized dish of prepared food. Interview over project material and MyPlate Guide. * Exhibit Menu and Recipe (8½x11) with name on back	<a href="#">Food and Nutrition Day</a> : three pronged folder with completed "Portfolio"

\* 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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## Healthy Living

300 <i>You're the Athlete</i>	I	At least 1 (of 7) section (Play Book, Practice Field, and Big Event) Either 2 other Play Book and at least 2 Practice Field activities OR 1 other section ((Play Book, Practice Field, and Big Event) At least 2 special learning experiences At least 2 leadership/citizenship/career applications "My Season highlights" (project summary)	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview
351 <i>Staying Healthy</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview
352 <i>Keeping Fit</i>	I	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview

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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.
353 <i>First Aid in Action</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview
354 <i>Medicine Science and Safety</i>	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	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview
355 <i>Tracking Your Health and Fitness</i>	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	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview

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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.
357 <i>Alcohol and Drug Abuse</i>	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview
358 <i>The Truth About Tobacco</i>	A	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview
359 <i>Your Thoughts Matter</i>	A	All 10 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview

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434 Superhero You	<b>B</b>	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Health Day</a> : completed project book, display, and interview
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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.
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## Home Living

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	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Home Decorating and Design Day:</a> completed project book, display (visuals and records), and interview
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	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Home Decorating and Design Day:</a> completed project book, display (an item constructed in the project, visuals to show how it helps make more pleasing and practical living spaces), and interview

\* 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.
494 <i><b>Makeover My Space</b></i>	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Home Decorating and Design Day:</a> completed project book, display (visuals and records), and interview
495 <i><b>Your First Home Away From Home</b></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	Bring completed project book and display. Interview over project material. Exhibit project display	<a href="#">Home Decorating and Design Day:</a> completed project book, display (visuals and records), and interview

\* 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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## Leadership and Citizenship

370 <i>Mentoring: Leadership in Action</i>	A	At least 2 activities of first 3 interest areas At least 2 leadership/citizenship activities Project review	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project book, display, and interview
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\* 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.
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	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project book, display, and interview
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	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project book, display, and interview

\* 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.
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	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project book, display, and interview
374 <i>Teens on Board</i>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project book, display, and interview

\* 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.
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	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project book, display, and interview
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	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : iPad with completed project book, display, and interview

\* 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.
376 <i>Pantry Panic!</i>	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project book, display, and interview
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	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project record, display, and interview

\* 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.
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	Bring completed project book, scrapbook/log and display. Interview over project material. Exhibit display or poster.	<a href="#">Leadership Day</a> : completed project record, display, and interview

## Money Management

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>	Bring completed project book, Money Journal, and poster explaining one of the required activities from project book	No state fair event
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\* 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.
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>	Bring completed project book, completed project book activity (comparison of financial institutions, shopping comparison, credit analysis, money management record, advertisement collage, decision making, goal setting) and poster	No state fair event

## 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	Bring completed project book and educational display along with 1-pint jar of canned item.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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\* 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.
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	Bring completed project book, photo journal, and two flower specimens. Interview over project material	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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	Bring completed project book and an educational display representing the learning experience.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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	Bring completed project book and log of any experiments. Bring 3 varieties of vegetables from your garden. Interview over project material.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview

\* 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.
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	Interview over project material. Bring completed project book. Bring 5 different varieties of vegetables from your garden arranged in 1 container no more than 24" wide.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
<b>The Natural World</b>				
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 completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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	Bring completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview

\* 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.
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	Bring completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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 completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
620 <i>Why Trees Matter</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview

\* 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.
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>(Use the same book 1-2 years.)</i>	Bring completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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>(Use the same book 1-2 years.)</i>	Bring completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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 an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview

\* 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.
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	Bring completed project book and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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 and an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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 an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview

\* 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.
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 an educational display representing the learning experience. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
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 an educational display representing the learning experience.	<a href="#">Natural Resources Day</a> : completed project book, display, and interview
<b>Shooting Sports</b>				
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 completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview

\* 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.
631 <b>Basic Archery</b>	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview
750 <b>Rifle Member Record Book</b>	X	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 rifle instructor	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview

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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.
751 <i>Archery Member Record Book</i>	X	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 archery instructor	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview
752 <i>Shotgun Member Record Book</i>	X	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 shotgun instructor	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview

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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.
753 <i>Pistol Member Record Book</i>	X	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 pistol instructor	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview
754 <i>Hunting and Wildlife Member Record Book</i>	X	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 hunting/wildlife instructor	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview

\* 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.
755 <i>Muzzleloader Member Record Book</i>	X	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 muzzleloader instructor; a previously completed rifle, pistol, or shotgun project is strongly recommended	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview
756 <i>Living History Member Record Book</i>	X	All project book activities, including planning, setting goals, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified shooting sports living history instructor	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview

\* 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.
757 <b><i>Crossbow Member Record Book</i></b>	X	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	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview
758 <b><i>Western Heritage Project: Youth Activity Guide 1-3</i></b>	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 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified Western heritage instructor	Bring completed project book and educational display. Interview over project material. Exhibit display.	<a href="#">Natural Resources Day</a> —Shooting Sports: completed project book, display, and interview

\* 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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## Science, Technology, Engineering, and Math (STEM)

Aerospace Science				
501 <b>Rockets Away</b> (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	Bring completed book, 2-liter bottle rocket, and an educational display that represents member's application of learning in the project to judging..	<a href="#">STEM Day</a> : completed project book, display, and interview
502 <b>Science Fun with Flight</b>	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	Bring completed book, glider or flyer, and an educational display that represents member's application of learning in the project to judging..	<a href="#">STEM Day</a> : completed project book, display, and interview

\* 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.
503 <b>Rockets Away</b> (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	Bring completed book, estes-type rocket, and an educational display that represents member's application of learning in the project to judging.	<a href="#">STEM Day</a> : completed project book, display, and interview
503M <b>Solid-Fuel Rocketry Master</b>	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	Bring completed book and educational display that represents member's application of learning in the project to judging.	<a href="#">STEM Day</a> : completed project book, display, and interview
<b>All-Terrain Vehicles (ATV)</b>				
555 <b>ATV Safety</b>	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities	Bring completed book and educational display.	No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Bicycle</b>				
517 <i>Bicycling for Fun, Level 1</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 <i>(Use the same book 1-2 years.)</i>	Bring completed book and educational display.	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 <i>(Use the same book 1-2 years.)</i>	Bring completed book and educational display.	No state fair event
<b>Chemistry</b>				
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	Bring completed book and educational display to judging..	<a href="#">STEM Day</a> : completed project book, display, and interview

\* 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.
<b>Electricity</b>				
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 <i>(Use the same book 1-3 years.)</i>	Bring completed project book and educational display of a completed activity from the project book to demonstrate for the judge.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview
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 <i>(Use the same book 1-3 years.)</i>	Bring completed project book and educational display of a completed activity from the project book to demonstrate for the judge.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview

\* 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.
529 <b>Wired for Power, Level 3</b>	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Bring completed project book and educational display of a completed activity from the project book to demonstrate for the judge.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview
530 <b>Entering Electronics, Level 4</b>	A	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Bring completed project book and educational display of a completed activity from the project book to demonstrate for the judge.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview

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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.
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	Bring completed project book and educational display of a completed activity from the project book to demonstrate for the judge.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview
<b>Energy</b>				
550 <i>Young Engineers in Solar Energy</i>	I	All 9 activities and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed book and educational display to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">STEM Day</a> : completed project book, display, and interview
<b>Food Science</b>				
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	Bring completed book and educational display to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">STEM Day</a> : completed project book, display, and interview

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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.
<b>Knots</b>				
540 <i>Not Just Knots</i>	X	All 17 activities (including a capstone project) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book and educational display (no larger than 48" wide x24" deep x 36" tall) focusing on a topic of interest from the project book. Project interview: Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview
<b>Physics</b>				
500 <i>Science Fun with Physics</i>	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Bring completed book and educational display to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">STEM Day</a> : completed project book, display, and interview

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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.
<b>Robotics</b>				
507 <b>Robotics 1 with EV3</b>	I	All 12 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, robot, test surface, print out, and fair exhibit to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, photo journal, and robot.	<a href="#">STEM Day</a> – completed project book, display and interview. In addition to the interview, contestants will demonstrate their LEGO EV3 robot's ability to complete three or more of the tasks identified in Activity 12 of the 4-H 507 project book in less than 10 minutes. Contestants are required to bring their own test surface on which to demonstrate their robot's completion of these tasks along with a printout of the program.
508 <b>Robotics 2: EV3N More</b>	A	All 7 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring completed project book, robot, test surface, print out, and fair exhibit to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, photo journal, and robot.	<a href="#">STEM Day</a> – completed project book, display and interview. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing (in less than 10 minutes) along with a printout of the program.
512M <b>Robotics Master</b>	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Bring completed project book, robot, test surface, print out, and fair exhibit to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, photo journal, and robot.	<a href="#">STEM Day:</a> completed project book, display, interview, and tasks. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing along with a printout of the program.

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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.
<b>Small Engines and Lawn Care</b>				
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 <i>(Use the same book 1-3 years.)</i>	Bring completed project book and educational display focusing on a topic of interest from the project book. Project interview: Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview
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 <i>(Use the same book 1-3 years.)</i>	Bring completed project book and educational display focusing on a topic of interest from the project book. Project interview: Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview

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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.
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 <i>(Use the same book 1-3 years.)</i>	Bring completed project book and educational display focusing on a topic of interest from the project book. Project interview: Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">Engineering Excitement Day</a> : completed project book, display, and interview
<b>Tractor and Machinery Operation</b>				
551 <i>Starting Up: Getting to Know Your Tractor, Level A</i>	B	Complete all activities	Bring completed project book and an educational display on one of the safety activities or experiments conducted. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge and activities, and educational display  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	Tractor Day

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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.
552 <i>Tractor Operations: Gearing Up for Safety, Level B</i>	I	Complete all activities	Bring completed project book and an educational display on one of the safety activities or experiments conducted. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge and activities, and educational display  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	Tractor Day
553 <i>Moving Out: Learning About Your Tractor and Farm Machinery, Level C</i>	I	Complete all activities	Bring completed project book and an educational display on one of the safety activities or experiments conducted. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge and activities, and educational display  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	Tractor Day

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
554 <i>Learning More: Learning About Agricultural Tractors and Equipment, Level D</i>	A	Complete all activities	Bring completed project book and an educational display on one of the safety activities or experiments conducted. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge and activities, and educational display  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	Tractor Day
<b>Welding</b>				
573 <i>Arcs and Sparks</i>	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	Bring completed Project Book, a 1-page report and completed project items. Interview over project materials. Projects shall be judged on quality of construction, finish, and workmanship as well as interview.	<a href="#">Engineering—Welding Day</a> : completed project book, and welding project NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).

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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.
<b>Woodworking</b>				
556 <i>Measuring Up, Level 1</i>	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>	Bring completed project book and constructed woodworking project either from your project book or a project requiring the same skills. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, woodworking knowledge, and woodworking exhibit.	<a href="#">Woodworking Day</a> : completed project book, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.  <a href="#">Project Specific Guidelines and Allowable Tools</a>
557 <i>Making the Cut, Level 2</i>	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>	Bring completed project book and constructed woodworking project either from your project book or a project requiring the same skills. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, woodworking knowledge, and woodworking exhibit.	<a href="#">Woodworking Day</a> : completed project book, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.  <a href="#">Project Specific Guidelines and Allowable Tools</a>

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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.
558 <i>Nailing It Together, Level 3</i>	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>	Bring completed project book and constructed woodworking project either from your project book or a project requiring the same skills. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, woodworking knowledge, and woodworking exhibit.	<a href="#">Woodworking Day</a> : completed project book, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.  <a href="#">Project Specific Guidelines and Allowable Tools</a>
559 <i>Finishing Up, Level 4</i>	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>	Bring completed project book and constructed woodworking project either from your project book or a project requiring the same skills. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, woodworking knowledge, and woodworking exhibit.	<a href="#">Woodworking Day</a> : completed project book, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.  <a href="#">Project Specific Guidelines and Allowable Tools</a>

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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.
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	Bring completed project book and constructed woodworking project either from your project book or a project requiring the same skills. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, woodworking knowledge, and woodworking exhibit.	<a href="#">Woodworking Day</a> : completed project book, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.  <a href="#">Project Specific Guidelines and Allowable Tools</a>

## 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	Bring completed project guide, journal of project activities, and display. Interview over project material. Exhibit display or poster.	<a href="#">Self-Determined Day</a> : completed 365 project record, tri-fold display, and interview  <b>NOTE: Requirements are different for self-determined projects that go to other days.</b>
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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.
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## Workforce Preparation

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	Bring completed project book and educational display. Display may be digital using PowerPoint, Prezi, Keynote, etc. to align with state fair. You will need to provide your own device if you create a digital display. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge activities, and display.	<a href="#">Workforce Preparation Day</a> : registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview
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	Bring completed project book and educational display. Display may be digital using PowerPoint, Prezi, Keynote, etc. to align with state fair. You will need to provide your own device if you create a digital display. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge activities, and display.	<a href="#">Workforce Preparation Day</a> : registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview

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## Veterinary Science

<p>244 <b><i>From Airedales to Zebras, Level 1</i></b></p>	<p>B</p>	<p>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></p>	<p>Bring completed project book and educational display to judging.  <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.</p>	<p><a href="#">STEM Day</a>: completed project book, display, and interview</p>
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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.
245 <b>All Systems Go! Level 2</b>	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>	Bring completed project book and educational display to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display.	<a href="#">STEM Day</a> : completed project book, display, and interview
246 <b>On the Cutting Edge, Level 3</b>	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>	Bring completed project book and educational display to judging. <b>Project interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and educational display	<a href="#">STEM Day</a> : completed project book, display, and interview