

2018 Project Completion & State Fair Requirements Portage County

Thank you for taking the time to review the Project Completion & State Fair Requirements!

***Use this information as a guide while you work on your 4-H projects, especially if you plan to attend Grade Day**

Food and Nutrition Grade Day - July 7th, 9am-12pm at the Dining Hall at the Fair

Lifeskills Grade Day (Not sewing or food) - July 7th, 12pm-4pm at the Merchants Building at the Fair

Awards at 5:30pm at the Merchants Building

Sewing Grade Day/Fashion Review - July 19th, 12pm – 5pm at the Fairgrounds, All state fair participants recognized at 6:30pm,

Fashion Revue at 7pm



Definitions:

Interview with Judge – In order to be eligible to participate at State Fair, you must attend the respective Grade Day and interview with a judge. For county Project Completion only, an advisor can interview or review project competition guidelines.

MyPlate – The MyPlate information can be found at this link:

http://www.choosemyplate.gov/sites/default/files/printablematerials/mini_poster.pdf

Portfolio - This has also been required at the state judging. The notebook can be 2 or 3 ring or a folder that holds pages so they can be easily turned.

There should be one page **only**; single sided, for each activity covered in the project book. This page should portray what was learned in that activity. It can be hand written (neatly!), typed, shown in picture form, or a combination of these methods. While it should be neatly done, it is not a “scrapbook” project! The 4-H member will use this as they explain to the portfolio judge about their project, so the judge can follow along.

Visual Aid – this can include a poster, scrapbook, the project itself (no guns or weapons are allowed on the fairgrounds), or pictures of your project.

Menu – Food & Nutrition projects must include a menu for 1 full day, which includes the prepared food brought to judging.

No guns or weapons are permitted to be at judging or on the Fairgrounds

Good Luck!

* 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.
-------------------------	--------------	--	---------------------	--

About 4-H

91 <i>Discovering 4-H</i>	B	All activities in 9 interest areas Project summary	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
---------------------------	---	---	---	---------------------

Animal Sciences

Companion Animals and Rabbits

200 <i>All About Dogs</i>	B	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day
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)	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day
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	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day
217 <i>Climbing Up! Level 2</i>	I	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day
218 <i>Leaping Forward, Level 3</i>	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day

* 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.
220 <i>Pocket Pets 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)	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day
227 <i>Pet Rabbit Project and Record Book</i>	X	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)	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day
230 <i>4-H PetPALS Project and Record Book</i>	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	-Completed Project Book -Visual Aid -Interview with Judge	Companion Animal Day
Veterinary Science				
244 <i>From Airedales to Zebras, Level 1</i>	B	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: completed project book, display, and interview
245 <i>All Systems Go! Level 2</i>	I	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: 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.
246 <i>On the Cutting Edge, Level 3</i>	A	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: completed project book, display, and interview

Clothing and Textile Science

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	-Completed Project Book -Clothing Project -Sewing Kit -Interview with Judge	Clothing Days: completed project book and fully elastic-waisted skirt, shorts, pants, or capris
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)	-Completed Project Book -Clothing Project -Sewing Kit -Interview with Judge	Clothing Days: completed project book and outfit
411 <i>em•bel•lish: A 4-H Guide to Wearable Art</i>	I	All 10 activities and 3 journal pages At least one embellished garment At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and embellishment(s) on at least one garment
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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
419 <i>Tops for Tweens</i>	B	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities One-page report and a project evaluation	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit

* 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.
424 <i>Clothing for Middle School</i>	I, ages 10-14	All 5 interest areas At least 1 garment with sleeves or a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience. Project evaluation and project summary	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
406 <i>Clothes for High School and College</i>	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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
407 <i>Accessories for Teens</i>	B, ages 13+	All 4 interest areas At least 1 additional 4-H activity At least 1 leadership/citizenship experience Wardrobe evaluation and accessories to complement at least 1 outfit At least 1 accessory: bag/purse, belt/cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders to complete the appearance of an outfit Project record and evaluation	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for)
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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit

* 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.
425 <i>Look Great for Less</i>	A, ages 15-18	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An inexpensive outfit Project record, summary, and evaluation	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
412 <i>Sew for Others</i>	I	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A complete outfit for an individual or 3 different garments (adapted) for someone with special needs Project evaluation	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: 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>Active Sportswear</i>	I	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities At least one garment with a total look for an active sportswear outfit Project summary and project review	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
3408 <i>Creative Costumes</i>	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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit

* 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.
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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: completed project book and outfit
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	-Completed Project Book -Clothing Project -Interview with Judge	Clothing Days: 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	-Completed Project Book -Clothing Project -Interview with Judge	No state fair event

Communication

377 <i>Finding Your Voice: Public Speaking Made Easy</i>	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: 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.
-------------------------	--------------	--	---------------------	--

Creative and Leisure Arts

Cake Decorating

492 <i>Cake Decorating Project and Record book</i>	X	At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Record of decorating skills and techniques Project and cake records Project summary and review	-Completed Project Book -Completed cake record for each cake that was part of your project -Decorated Cake - participants may decorate an actual cake, cupcake, or may use a Styrofoam base for the cake decorated.	Creative Arts Day II: completed project book, display (decorated cake and poster), written and hands-on skills evaluation, and interview
--	---	---	---	--

Collecting

496 <i>My Favorite Things</i>	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Creative Arts Day I: completed project book, display (representing their learning experience), and interview
-------------------------------	---	---	---	--

Fine Arts

498 <i>Quilting the Best Better</i>	I	All 8 activities and all Quilting Quotes questions At least 2 learning experiences At least 2 leadership/citizenship activities Quilt blocks, a pillow to be donated, and a lap quilt (minimum 30" x 30" and maximum 54" x 72") Project review	-Completed Project Book -Quilting Project -Sewing Kit -Interview with Judge	Quilt Day: 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	-Completed Project Book -Quilting Project -Sewing Kit -Interview with Judge	Quilt Day: completed project book, mini quilt, 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.
592 <i>Get Started in Art</i>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	-Completed Project Book -Visual Aid -Interview with Judge	Creative Arts Day I: completed project book, display (piece of art/poster), written skills evaluation, and interview
Genealogy				
442 <i>Family History Treasure Hunt</i>	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	-Completed Project Book -Visual Aid -Interview with Judge	Family Life Day: pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation
Photography				
584 <i>Focus on Photography, Level 1</i>	B	All 4 project areas, photo journal, and review questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Photography Day: completed project book, display (single mounted print, prints that tell a "photo story," or prints that illustrate an activity), and interview
585 <i>Controlling the Image, Level 2</i>	I	All 4 project areas, photo journal, and review questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Photography Day: 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)
586 <i>Mastering Photography, Level 3</i>	A	All 4 project areas, photo journal, and review questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Photography Day: 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)
589M <i>Photography Master</i>	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	-Completed Project Book -Visual Aid -Interview with Judge	Photography Day: completed project book, bring at least (1) one print for display, mounted at participant's discretion, illustrating "the best" of the photographs and demonstrating the area of interest chosen to "master" in this year's project.

* 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.
Scrapbooking				
497 <i>Scrapbooking: A 4-H Guide to Preserving Memories</i>	B	All 3 project areas (the last activity is optional) At least 2 learning experiences At least 2 leadership/citizenship activities A scrapbook Project review	-Completed Project Book -Visual Aid -Interview with Judge	Creative Arts Day I: completed project book, display, written and hands-on skills evaluation, and interview
Theater Arts				
596 <i>Play the Role</i>	I	At least 6 activities per year	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
598 <i>Set the Stage</i>	I	At least 6 activities per year	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
Writing				
587 <i>Writing and Reporting for Teenagers</i>	A	All 10 assignments, which include 9, 1-2 page reports At least 2 learning experiences At least 2 leadership/citizenship activities Project summary	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
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	-Completed Project Book -Visual Aid -Interview with Judge	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.
-------------------------	--------------	--	---------------------	--

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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
481 <i>Everyday Food and Fitness</i>	B	All 7 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

* 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.
484 <i>Snack Attack!</i>	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)
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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)
487 <i>Fast Break for Breakfast</i>	B	All 5 interest areas, including at least 2 recipes in each area Allow 4 weeks for the chicken bone experiment At least 2 learning experiences and 2 leadership/citizenship/career activities Project review	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)

* 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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

* 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.
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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)
477 <i>Party Planner: A 4-H Guide to Quantity Cooking</i>	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)
485 <i>Racing the Clock to Awesome Meals</i>	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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)

* 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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)
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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)
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	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)

* 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 <i>Pathways to Culinary Success</i>	A	All 6 chapters, including at least 3 recipes or additional ideas for each chapter At least 3 learning experiences At least 1 leadership/citizenship/career activity Project record and project journal	-Completed Project Book -Portfolio -Bring 1 food prepared from a recipe in book -Menu for 1 day – include prepared food above in menu -Answer questions on MyPlate, cooking utensils, and proper table setting etiquette, etc.	Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional)

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)	-Completed Project Book -Visual Aid -Interview with Judge	Health Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Health Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Health Day: completed project book, display, and interview
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	-Completed Project Book -Visual Aid -Interview with Judge	Health Day: 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.
357 <i>Alcohol and Drug Abuse</i>	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Health Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Health Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Health Day: completed project book, display, and interview

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	-Completed Project Book -Visual Aid -Interview with Judge	Home Decorating and Design Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Home Decorating and Design Day: 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
494 <i>Makeover My Space</i>	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Home Decorating and Design Day: completed project book, display (visuals and records), and interview
495 <i>Your First Home Away From Home</i>	A	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record	-Completed Project Book -Visual Aid -Interview with Judge	Home Decorating and Design Day: completed project book, display (visuals and records), and interview

Leadership and Citizenship

370 <i>One on One</i>	A	At least 2 activities of first 3 interest areas At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: 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.
371 Club Leadership 1	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: completed project book, display, and interview
372 Diversity: The Source of Our Strength	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: completed project book, display, and interview
373 My Hands to Larger Service: Teen Leaders Building Our Communities	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: completed project book, display, and interview
374 Teens on Board	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: completed project book, display, and interview
375 Leadership Road Trip: Where Are You Going?	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: completed project book, display, and interview
375i Leadership Road Trip iBook	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: iPad with completed project book, display, and interview
376 Pantry Panic!	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: completed project book, display, and interview
378M Leadership Master	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Leadership Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
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	-Completed Project Book -Visual Aid -Interview with Judge	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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: completed project book, display, and interview
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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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.
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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: completed project book, display, and interview
692 <i>Growing with the Seasons</i>	I	All 7 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Maintain a minimum of 225 sq. ft. of gardening space Grow a minimum of 3 vegetable varieties for each growing season Project review	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: completed project book, display, and interview
The Natural World				
611 <i>Explore the Outdoors</i>	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: completed project book, display, and interview
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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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.
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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: completed project book, display, and interview
624 <i>Fishing for the Intermediate</i>	I	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: completed project book, display, and interview
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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day II: 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.
Shooting Sports				
630 <i>Safe Use of Guns</i>	B	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
631 <i>Basic Archery</i>	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
750 <i>Rifle Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified rifle instructor	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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 enrolled in a Shooting Sports program under the direction of a certified archery instructor	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—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 enrolled in a Shooting Sports program under the direction of a certified shotgun instructor	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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 enrolled in a Shooting Sports program under the direction of a certified pistol instructor	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—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.
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 enrolled in a Shooting Sports program under the direction of a certified hunting/wildlife instructor	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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 enrolled in a Shooting Sports program under the direction of a certified muzzleloader instructor	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—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 enrolled in a Shooting Sports program under the direction of a certified shooting sports living history instructor	-Completed Project Book -Visual Aid -Interview with Judge	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview

Science, Technology, Engineering, and Math (STEM)

Aerospace Science				
501 <i>Rockets Away</i> (2-Liter Bottle Rockets)	B, ages 10-17	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a 2-liter bottle rocket Project review	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: completed project book, display, and interview
502 <i>Science Fun with Flight</i>	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	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: 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 <i>Rockets Away</i> (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	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: completed project book, display, and interview
503M <i>Solid-Fuel Rocketry Master</i>	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	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: completed project book, display, and interview
All-Terrain Vehicles (ATV)				
555 <i>ATV Safety</i>	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
Bicycle				
517 <i>Bicycling for Fun, Level I</i>	B	At least 7 activities per year Complete the Bicycling For Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections	-Completed Project Book -Visual Aid -Interview with Judge	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	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
Chemistry				
493 <i>Science Fun with Kitchen Chemistry</i>	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: 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.
Electricity				
527 <i>Magic of Electricity, Level 1</i>	B	At least 7 activities per year (3 main activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: completed project book, display, and interview
529 <i>Wired for Power, Level 3</i>	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: completed project book, display, and interview
530 <i>Entering Electronics, Level 4</i>	A	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: completed project book, display, and interview
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	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: completed project book, display, and interview
Energy				
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	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: completed project book, display, and interview
Food Science				
490 <i>Science Fun with Dairy Foods: The Case of the Missing Milk</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: 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.
Electric Radio-Controlled Vehicles				
504 <i>Electric Radio-Controlled Vehicles</i>	I	All 10 activities and 3 records Safety checklist At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	No state fair event
Knots				
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	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: completed project book, display, and interview
Physics				
500 <i>Science Fun with Physics</i>	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: completed project book, display, and interview
Robotics				
507 <i>Robotics 1 with EV3</i>	I	All 12 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day – 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.

* 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.
508 <i>Robotics 2: EV3N More</i>	A	All 7 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day – 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 <i>Robotics Master</i>	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	-Completed Project Book -Visual Aid -Interview with Judge	STEM Day: 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.
Small Engines and Lawn Care				
541 <i>Crank It Up, Level 1</i>	B	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: 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	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: completed project book, display, and interview
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	-Completed Project Book -Visual Aid -Interview with Judge	Engineering Excitement Day: completed project book, display, and interview
Tractor and Machinery Operation				
551 <i>Starting Up: Getting to Know Your Tractor, Level A</i>	B	Complete all activities	-Completed Project Book -Visual Aid -Interview with Judge	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
552 <i>Tractor Operations: Gearing Up for Safety, Level B</i>	I	Complete all activities	-Completed Project Book -Visual Aid -Interview with Judge	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events

* 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.
553 <i>Moving Out: Learning About Your Tractor and Farm Machinery, Level C</i>	I	Complete all activities	-Completed Project Book -Visual Aid -Interview with Judge	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
554 <i>Learning More: Learning About Agricultural Tractors and Equipment, Level D</i>	A	Complete all activities	-Completed Project Book -Visual Aid -Interview with Judge	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
Welding				
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	-Completed Project Book -Visual Aid -Interview with Judge	Engineering—Welding Day: completed project book, appropriate gear, other equipment and/or supplies, and welding project NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).
Woodworking				
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	-Completed Project Book -Visual Aid -Interview with Judge	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.
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	-Completed Project Book -Visual Aid -Interview with Judge	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.

* 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.
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	-Completed Project Book -Visual Aid -Interview with Judge	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.
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	-Completed Project Book -Visual Aid -Interview with Judge	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.
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	-Completed Project Book -Visual Aid -Interview with Judge	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.

Self-Determined

365 <i>Self-Determined</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary	-Completed Project Book -Visual Aid -Interview with Judge	Self-Determined Day: completed 365 project record, tri-fold display, sample of project work, and interview NOTE: Requirements are different for self-determined projects that go to other days.
----------------------------	---	---	---	--

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	-Completed Project Book -Visual Aid -Interview with Judge	Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; 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.