

2023 Project Completion and Fair Requirements

1/26/23

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 Discovering 4-H	В	All activities in 9 interest areas Project summary	Completed Project Book Written summary of activities and what you learned Item, display, or educational poster (14" X 22" or larger)	No state fair event
92 4-H Around the Globe	I	All 7 activities and Talking It Over questions At least two learning experience At least two leadership/citizenship activities Project summary and project review	 Completed Project Book Written summary of activities and what you learned Item, display, or educational poster (14" X 22" or larger) 	Family Life Day: completed project book, display, and interview





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Horses				
173 Horseless Horse	В	Planning Your Project section At least 4 interest areas All recommended activities in your selected interest areas At least 2 organized activities At least 2 leadership/citizenship activities One-page report	 Designed for all ages, not intended to be completed in one year (date completed work each year) Complete General Project Guidelines as listed in the book Project is judged with special interest projects 	No state fair event
174 Beginning Horse Management	В	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 leadership/citizenship activities Project record One-page report	 Complete EquiStep and submit ownership by June 1st. All first year members should start in this project, can take for 3 years Sections must be dated Separate book for feed/expense for years 2 & 3 of project 	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
175 Light Horse Selection	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities Questions on pages 55-57 Complete the judging description of your horse Completed 190R Equine Record Book One-page report	 Complete EquiStep and submit ownership by June 1st. Accurate feed and expense records for each year 	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

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Veterinary Scientific	ence			
244 From Airedales to Zebras, Level 1	В	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 (Use the same book 1-3 years.)	Complete the project within three years Have your project helper date and initial the activities as you complete and discuss them For judging, bring an item, display, or educational poster (14" X 22" or larger) showing some phase of the project or what you have learned	Vet Science Day: completed project book, display, and interview
245 All Systems Go! Level 2	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 (Use the same book 1-3 years.)	Complete the project within three years Have your project helper date and initial the activities as you complete and discuss them For judging, bring an item, display, or educational poster (14" X 22" or larger) showing some phase of the project or what you have learned	Vet Science Day: completed project book, display, and interview

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246 On the Cutting Edge, Level 3	Α	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 (Use the same book 1-3 years.)	Complete the project within three years Have your project helper date and initial the activities as you complete and discuss them For judging, bring an item, display, or educational poster (14" X 22" or larger) showing some phase of the project or what you have learned	Vet Science Day: completed project book, display, and interview

Clothing and Textile Science

407 Accessories for Teens	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for)
409 Sew Fun!	В	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and fully elastic-waisted skirt, shorts, pants, or capris

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410 Designed by Me	В	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)	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit
413 Sundresses and Jumpers	В	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and the sundress or jumper you constructed
419 Terrific Tops	В	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and the top you constructed with accessories
411 em•bel•lish: A 4-H Guide to Wearable Art	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book, completed notebook with at least 3 samples of embellishment techniques you tried and embellishment(s) on at least one garment
412 Sew for Others	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	Complete all areas of the project guidelines as found in the project book	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)

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415 Ready, Set, Sew Active!	ı	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit
418 Loungewear	Х	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and lounging outfit
424 Clothing for Middle School	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and garment you constructed
430 Shopping Savvy	ı	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit assembled according to the information in your project book
406 Clothes for High School and College	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit

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408 Creative Costumes	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and costume you made for yourself
417 Dress-Up Outfit	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit
420 Outerwear for Anywhere	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit
425 Look Great for Less	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit

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426 Clothing for Your Career	А	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	Complete all areas of the project guidelines as found in the project book	Clothing Days: completed project book and outfit.
432M Sewing and Textiles (non- Clothing) Master	А	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	Complete all areas of the project guidelines as found in the project book	No state fair event

Communication

377 Finding Your Voice: Public Speaking Made Easy	В	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: completed project book, display, and interview
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Project Number and Name

Creative and Leisure Arts

Cake Decorating					
492 Cake Decorating Project and Record book	х	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	Complete all areas of the project guidelines as found in the front of the project book. Must bring a decorated cake sample to evaluations – can be on Styrofoam.	Creative Arts Day II: completed project book, display, and interview	
Collecting					
496 My Favorite Things	В	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation: Completed project book and collection records Item or display with two of the activities in the collectible's sampler (pg. 4)	Creative Arts Day I: completed project book, display (representing their learning experience), and interview	
Fine Arts	•	•			
498 Quilting the Best Better	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	For evaluation bring 1) completed project book with all activities complete, 2) your completed mini quilt for review	Quilt Day: completed project book, quilt and interview	
499 You Can Quilt!	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Construct a Rail Fence or Four Patch miniquilt Project summary and project review	For evaluation bring 1) completed project book with all activities complete, 2) your completed mini quilt for review	Quilt Day: completed project book, mini quilt, and interview	

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592 Get Started in Art	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	For evaluation: One example of member's own work Scrapbook, 14" X 22" or larger poster, or similar record of projects made from related materials, techniques, or elements of principles of design. Members should select to complete at least 2 art projects from the interest areas 3-7 or in the medium of your choice. Articles made from kits will be accepted, although original work is preferred.	Creative Arts Day I: completed project book, display (piece of art/poster), and interview
593 Seeing Through Graphic Design	I	All 9 activities, including a portfolio, and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Complete all project guidelines as found in the beginning of the book.	Creative Arts Day I: completed project book, display (portfolio), and interview

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Genealogy				
442 Family History Treasure Hunt	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 (Use the same book 1-6 years.)	Designed for 3 or more years Complete project guidelines on page 2 Complete activities appropriate to number of years you've taken the project (Pages 4, 5, & 6) For judging bring completed project book, correspondence log, your research journal, pedigree charts, family group sheets with documentation of your research as outlined on pages 4, 5 or 6	Family Life Day: pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation
Photography				
584 Photography Basics, Book 1	В	At least 2 activities in each of 4 project areas and 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.)	For evaluation bring one of the following three items: 1) "singe Print" (enlarged), 2) "Photo Story", or 3) "Activities Collection" Completed project book, photo journal, and photo review sections	Photography Day: completed project book, display (single mounted print, prints that tell a "photo story," or prints that illustrate an activity), and interview
585 Next Level Photography, Book 2	I	At least 2 activities in each of 4 project areas and 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.)	For evaluation bring one of the following three items: 1) "singe Print" (enlarged), 2) "Photo Story", or 3) "Activities Collection" Completed project book, photo journal, and photo review sections	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)

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586 Mastering Photography, Book 3	Α	At least 2 activities in each of 4 project areas and 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.)	For evaluation bring one of the following three items: 1) "singe Print" (enlarged), 2) "Photo Story", or 3) "Activities Collection" Completed project book, photo journal, and photo review sections	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</i> <i>Master</i>	А	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	For evaluation bring one of the following three items: 1) "singe Print" (enlarged), 2) "Photo Story", or 3) "Activities Collection" Completed project book, photo journal, and photo review sections	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.	
Scrapbooking					
497 Scrapbooking: A 4-H Guide to Preserving Memories	В	All 3 project areas (the last activity is optional) At least 2 learning experiences At least 2 leadership/citizenship activities A scrapbook Project review	Complete all project guidelines as found in the beginning of the book, bring scrapbook to evaluation.	Creative Arts Day I: completed project book, display, and interview	

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Writing	<i>N</i> riting						
588 The Writer in You	I	All 11 activities (including a writing portfolio) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Each writing is to be typed or neatly printed on 8 ½ X 11 inch paper, double spaced. Poems should be single-spaced. The members full name, address, and club should be included on the cover page. The member's last name, club, and page number should be on the bottom right corner of each page. Due to the Extension Office before evaluations. Project book and scrapbook of materials requested in assignments in project book	No state fair event			

Food and Nutrition

459 Let's Start Cooking	В	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
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463 Sports Nutrition: Ready, Set, Go	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	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
481 Everyday Food and Fitness	В	All 7 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
484 Snack Attack!	В	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
486 Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
487 Take a Break for Breakfast	В	All 5 activities, including at least 5 recipes At least 2 learning experiences and 2 leadership/citizenship/career activities Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"

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461 Let's Bake Quick Breads	I	All 8 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
467 Cooking on My Own	А	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
472 Grill Master	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	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
474 Beyond the Grill	А	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
475 Star Spangled Foods	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
477 Party Planner: A 4-H Guide to Quantity Cooking	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"

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485 Racing the Clock to Awesome Meals	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	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Day: three-pronged folder with completed "Portfolio"
462 Yeast Breads on the Rise	Α	All 5 interest areas, including at least 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project record and summary (Use the same book 1-2 years.)	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
469 Global Gourmet	А	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	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: three-pronged folder with completed "Portfolio"
476 Kitchen Boss	Α	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship/career activity Project review	Items required for evaluation: Completed project book and portfolio. Please see the project guidelines as found in the project book.	Food and Nutrition Days: 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 You're the Athlete	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)	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: completed project book, display, and interview	
351 Staying Healthy	В	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: 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.
352 Keeping Fit	I	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: completed project book, display, and interview
353 First Aid in Action	В	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: 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.
354 Medicine Science and Safety	В	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	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: completed project book, display, and interview
355 Tracking Your Health and Fitness	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	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: 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 Alcohol and Drug Abuse	Α	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: completed project book, display, and interview
358 The Truth About Tobacco	Α	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	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.
359 Your Thoughts Matter	Α	All 10 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: completed project book, display, and interview
360 Your Feelings Matter	В	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: 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.
434 Superhero You	В	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete all project completion guidelines Bring completed book and all other records/materials you used or developed for the project Educational exhibit (poster, scrapbook, written report) that reflects activities or things you have learned, or changes made. Must fit into 3' area.	Health Day: completed project book, display, and interview

Home Living

405 The Laundry Project	В	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	For evaluation bring: completed book, any records, an educational exhibit representing the learning experience, an item constructed in the project according to the requirements listed in the book, and visuals to show how the item helps make a more pleasing and practical living space. 3' X 3' space for exhibit.	Home Decorating and Design Day: completed project book, display (visuals and records), 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.
491 It's My Home	В	All 9 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: completed book, any records, an educational exhibit representing the learning experience, an item constructed in the project according to the requirements listed in the book, and visuals to show how the item helps make a more pleasing and practical living space. 3' X 3' space for exhibit.	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 Makeover My Space	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: completed book, any records, an educational exhibit representing the learning experience, an item constructed in the project according to the requirements listed in the book, and visuals to show how the item helps make a more pleasing and practical living space. 3' X 3' space for exhibit.	Home Decorating and Design Day: 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.
495 Your First Home Away from Home	Α	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record	For evaluation bring: completed book, any records, an educational exhibit representing the learning experience, an item constructed in the project according to the requirements listed in the book, and visuals to show how the item helps make a more pleasing and practical living space. 3' X 3' space for exhibit.	Home Decorating and Design Day: completed project book, display (visuals and records), and interview

Leadership and Citizenship

370 Mentoring: Leadership in Action	А	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: completed project book, display, and interview
371 Club Leadership 1	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: 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.
372 Diversity: The Source of Our Strength	А	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: completed project book, display, and interview
373 My Hands to Larger Service: Teen Leaders Building Our Communities	Α	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	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	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	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	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: 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.
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	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: iPad with completed project book, display, and interview
376 Pantry Panic!	Α	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: completed project book, display, and interview
378M Leadership Master	А	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: completed project record, display, and interview
383 Club Leadership 2	А	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	For evaluations bring: completed project book and other project records, tabletop exhibit illustrating highlights of their project experiences and accomplishments. Space limited to 36" wide X 24" deep tabletop.	Leadership Day: completed project record, display, and interview

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Project Number and Name

Money Management

445 Becoming Money Wise	В	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 (Use the same book 1-2 years.)	Complete at least 9 activities (1 in each chapter), mark date of completion and have helper initial For judging bring completed project guidelines for your level (pg. 2) of the project book and an exhibit or display (notebook, scrapbook, poster no smaller than 14" X 22", etc.) showing what you have learned	Family Life Day: completed project book, display and interview
448 Teens On the Road to Financial Success	А	All 11 activities for Year 1 and for Year 2 At least 2 organized activities At least 2 leadership/citizenship activities (Use the same book 1-2 years.)	Complete project guidelines for your level as found on page 2 of the project book For evaluations bring completed project book, and an exhibit or display (notebook, scrapbook, poster no smaller than 14" X 22", etc.) showing what you have used or developed for this project.	Family Life Day: completed project book, display and interview

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Project Number and Name	Skill Project Completion Requirements Level* See each project book for complete details	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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Natural Resources

Gardening and Plant Science					
670 Canning and Freezing	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	For evaluation bring completed project book, and exhibit displaying what you have learned	Natural Resources Day: completed project book, display, and interview	
671 How Does Your Garden Grow?	В	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring completed project book, and exhibit displaying what you have learned	Natural Resources Day: completed project book, display, and interview	
673 Edible Landscapes	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	For evaluation bring completed project book, and exhibit displaying what you have learned	Natural Resources Day: 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.
691 Grow Your Own Vegetables	В	All 11 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete suggested activities in each interest area Bring to evaluation: 1) completed project book, 2) poster showing the diagram of the garden and pictures of the garden, 3) display of vegetables from the garden Members 13 & under – Need to display four different vegetables Members 14 & over – Need to display five different kinds of vegetables If your vegetable plants are not yielding produce, bring a part of the plant as the exhibit	Natural Resources Day: 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.
692 Growing with the Seasons	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	Complete steps 1 and 2 of the Planning Your Project. Complete suggested activities in each interest area Bring to evaluation: 1) completed project book, 2) poster showing the diagram of the garden and pictures of the garden, 3) display of vegetables from the garden Members 13 & under – Need to display four different vegetables Members 14 & over – Need to display five different kinds of vegetables If your vegetable plants are not yielding produce, bring a part of the plant as the exhibit	Natural Resources Day: completed project book, display, and interview
The Natural Wo	orld			
611 Explore the Outdoors	В	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: 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.
612 Geology: Can You Dig It?	В	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	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: completed project book, display, and interview
613 Exploring Polar Science	I	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: completed project book, display, and interview
617 Exploring Ponds	А	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: 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.
620 Why Trees Matter	В	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: completed project book, display, and interview
621 Ohio Birds	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 (Use the same book 1-2 years.)	For evaluations bring: 1) completed project book, and 2) items, display or poster (14" X 22" or larger) on at least one of the "Project Activities" listed in the book, 3) be prepared to discuss all the interest areas an project activities and discovery questions in each interest area, 4) one page story of the important things you learned from this project Any wild bird feathers, except legal game bird species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or a part of any display	Natural Resources Day: 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.
622 Trapping Muskrats in Ohio	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 (Use the same book 1-2 years.)	For evaluations bring: 1) completed project book, and 2) items, display or poster (14" X 22" or larger) on two of the "Projects" listed in the book; 3) Poster (14" X 22" or larger) on information from favorite interest area	Natural Resources Day: completed project book, display, and interview
623 Outdoor Adventurer: Beginning Fishing	В	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	For evaluations bring: completed project book and items, display, or poster (14" X 22" or larger) showing some phase of the project or something learned through the project. Complete and be prepared to discuss all the project requirements as listed in the project book	Natural Resources Day: completed project book, display, and interview
624 Outdoor Adventurer: Intermediate Fishing	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	For evaluations bring: completed project book and items, display, or poster (14" X 22" or larger) showing some phase of the project or something learned through the project. Complete and be prepared to discuss all the project requirements as listed in the project book	Natural Resources Day: 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.
641 Beekeeping Project and Record Book	Х	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	Complete project guidelines found on page 5 Bring completed project book and display (showing what has been learned or done from project) to evaluation	Natural Resources Day: completed project book, display, and interview
644 Insect Adventures 1	В	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	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: completed project book, display, and interview
645 Insect Adventures 2	I	All 8 activities, including an insect collection (40 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: completed project book, display, and interview
646 Insect Adventures 3	A	All 7 activities, including an insect collection (50 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: completed project book, display or exhibit (notebook, photographs, drawings, specimen, collections, game boards, experiments, backpacking, camp outs, posters, models, etc.) Posters must be 14" X 22" or larger	Natural Resources Day: 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.
Shooting Sport	S			
630 Safe Use of Guns	В	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: 1) completed project book, 2) an item, display, or poster (14" X 22" or larger) showing some phase of the project; and 3) one-page report telling what you did and learned through this project Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any "loaded" ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition and the caps must either be absent or have been expended	Shooting Sports 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.
631 Basic Archery	В	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	For evaluation bring: 1) completed project book with Member's Project Guide done (pg. 5-8), 2) an item, display, or poster (14" X 22" or larger) showing some phase of the project; and 3) one-page report telling what you did and learned through this project Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches	Shooting Sports Day: 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.
750 Rifle Member Record Book	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	For evaluation bring: 1) completed project book including written topic report (pg. 9) and 2) item, display, or poster (14" X 22" or larger) showing something learned or made through the project. Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any "loaded" ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition and the caps must either be absent or have been expended	Shooting Sports Day: 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 Archery Member Record Book	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	For evaluation bring: 1) completed project book including written topic report (pg. 9) and 2) item, display, or poster (14" X 22" or larger) showing something learned or made through the project. Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any "loaded" ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition and caps must either be absent or have been expended	Shooting Sports Day: 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.
752 Shotgun Member Record Book	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	For evaluation bring: 1) completed project book including written topic report (pg. 9) and 2) item, display, or poster (14" X 22" or larger) showing something learned or made through the project. Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any "loaded" ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition and the caps must either be absent or have been expended	Shooting Sports Day: 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 Pistol Member Record Book	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	For evaluation bring: 1) completed project book including written topic report (pg. 9) and 2) item, display, or poster (14" X 22" or larger) showing something learned or made through the project. Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any "loaded" ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition and caps must either be absent or have been expended	Shooting Sports Day: 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.
754 Hunting and Wildlife Member Record Book	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	For evaluation bring: 1) completed project book including written topic report (pg. 9) and 2) item, display, or poster (14" X 22" or larger) showing something learned or made through the project. Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any "loaded" ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition and the caps must either be absent or have been expended	Shooting Sports Day: 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.
755 Muzzleloader Member Record Book	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; a previously completed rifle, pistol, or shotgun project is strongly recommended	For evaluation bring: 1) completed project book including written topic report (pg. 9) and 2) item, display, or poster (14" X 22" or larger) showing something learned or made through the project. Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at evaluation days or on the fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any "loaded" ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition and the caps must either be absent or have been expended	Shooting Sports Day: completed project book, display, and interview
756 Living History Member Record Book	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	For evaluation bring: 1) completed record book including written topic report (pg. 17); and 2) costume OR item OR display which shows something learned or made through the project (minimum poster size 14" X 22")	Shooting Sports Day: 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.
757 Crossbow Member Record Book	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 crossbow instructor	No classes for this project in 2023	Shooting Sports Day: completed project book, display, and interview
758 Western Heritage Project: Youth Activity Guide 1-3	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 enrolled in a Shooting Sports program under the direction of a certified Western heritage instructor	No classes for this project in 2023	Shooting Sports Day: completed project book, display, and interview

Science, Technology, Engineering, and Math (STEM)

		001		*		
Aerospace Science						
501 <i>Rockets Away</i> (2- Liter Bottle Rockets)	В	All 3 interest areas At least 2 organized At least 2 leadership/ Build and launch a 2- Project review	citizenship activities	Bring to evaluation day: 1) completed member project guide for planning your project, 2) display or rocket representing a learning experience and/or launches using 2-liter bottle rocket	STEM Day: 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.		
502 Science Fun with Flight	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 to evaluation day: 1) completed project book and 2) glider or flyer that member built from scratch or a kit. Members may wish to build a plastic model of their favorite jet or airplane	STEM Day: completed project book, display, and interview		
503 Rockets Away (Solid-Fuel Model Rockets)	В	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 to evaluation day: 1) completed member project guide for planning your project, 2) display or rocket representing a learning experience and/or launches using estes-type rockets	STEM Day: completed project book, display, and interview		
503M Solid-Fuel Rocketry Master	А	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 to evaluation day: 1) completed member project guide for planning your project, 2) display or rocket representing a learning experience and/or launches using rockets.	STEM Day: completed project book, display, and interview		
All-Terrain Veh	All-Terrain Vehicles (ATV)					
555 ATV Safety	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities	Bring to evaluation: 1) completed project book, 2) item, display, or poster (at least 14" X 22") showing what they learned from the project	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.			
Bicycle							
517 Bicycling for Fun, Level I	В	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 (Use the same book 1-2 years.)	Bring to evaluation: 1) completed project book and 2) item, display, or poster (14" X 22" or larger) showing some phase of the project or something learned through the project At least 2 leadership experiences	No state fair event			
518 Wheels in Motion, Level 2	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 (Use the same book 1-2 years.)	Bring to evaluation: 1) completed project book and 2) item, display, or poster (14" X 22" or larger) showing some phase of the project or something learned through the project At least 2 leadership experiences	No state fair event			
Chemistry							
493 Science Fun with Kitchen Chemistry	В	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to evaluation: 1) completed project book and 2) item, display, or poster (14" X 22" or larger) showing some phase of the project or something learned through the project At least 2 leadership experiences	STEM Day: 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.				
Electricity								
527 Magic of Electricity, Level 1	В	At least 7 activities per year (3 main activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Project book with project guidelines completed as outlined on page 4-5, 2) project exhibit derived from one of the activities, experiments or plans contained in the project manual, 3) do at least three required activities, four optional activities each year, and two leadership experiences each year	STEM Day: completed project book, display, and interview				
528 Investigating Electricity, Level 2	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Project book with project guidelines completed as outlined on page 4-5, 2) project exhibit derived from one of the activities, experiments or plans contained in the project manual, 3) do at least three required activities, four optional activities each year, and two leadership experiences each year	STEM Day: 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.
529 Wired for Power, Level 3	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Project book with project guidelines completed as outlined on page 4-5, 2) project exhibit derived from one of the activities, experiments or plans contained in the project manual, 3) do at least three required activities, four optional activities each year, and two leadership experiences each year	STEM Day: completed project book, display, and interview
530 Entering Electronics, Level 4	Α	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Project book with project guidelines completed as outlined on page 4-5, 2) project exhibit derived from one of the activities, experiments or plans contained in the project manual, 3) do at least three required activities, four optional activities each year, and two leadership experiences each year	STEM Day: completed project book, display, and interview
531 Science Fun with Electricity	В	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 to evaluation (needs to include pages 5-9 completed)	STEM Day: 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.	
Energy					
550 Young Engineers in Solar Energy	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to evaluation day: 1) completed member project guide for planning your project, 2) display representing a learning experience.	STEM Day: completed project book, display, and interview	
Food Science					
490 Science Fun with Dairy Foods: The Case of the Missing Milk	В	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to evaluation: Completed project book. Please see the project guidelines as found on page 4 of the project book.	STEM Day: completed project book, display, and interview	
Knots					
540 Not Just Knots	Х	All 17 activities (including a capstone project) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to evaluation day: 1) completed member project guide for planning your project, 2) display representing a learning experience.	STEM Day: completed project book, display, and interview	
Physics	Physics				
500 Science Fun with Physics	В	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Bring to evaluation day: 1) completed member project guide for planning your project, 2) display representing a learning experience.	STEM Day: 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.
Robotics				
509 Robotics Essentials	I	All 10 activities (including construction of a LEGO® Spike™ Prime or VEX robot) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	For evaluation bring: 1) completed project book, 2) item, display, or poster (14" X 22" or larger) showing some phase of the project or something learned through the project Design and program a robot	STEM Day: completed project book, display, and interview
512M Robotics Master	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	For evaluation bring: 1) completed project book, 2) item, display, or poster (14" X 22" or larger) showing some phase of the project or something learned through the project Design and program a robot	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 Lav	wn Care		
541 Crank It Up, Level 1	В	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	STEM Day: 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.
542 Warm It Up, Level 2	I	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	STEM Day: completed project book, display, and interview
543 Tune It Up, Level	А	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	STEM Day: completed project book, display, and interview
544 Ready, Set, Mow!	А	All 13 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	STEM Day: 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.
Tractor and Ma	chinery	Operation		
551 Starting Up: Getting to Know Your Tractor, Level A	В	Complete all activities	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	No state fair event
552 Tractor Operations: Gearing Up for Safety, Level B	I	Complete all activities	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	No state fair event
553 Moving Out: Learning About Your Tractor and Farm Machinery, Level C	I	Complete all activities	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	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.
554 Learning More: Learning About Agricultural Tractors and Equipment, Level D	Α	Complete all activities	Bring to evaluation: 1) Completed project book, 2) "Start Your Engines!" portfolio described on page 2, 3) exhibit representing your level of understanding and ability within the project (exhibit must be derived from one of the activities contained in your project book)	No state fair event
Welding				
573 Arcs and Sparks	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 to evaluation: 1) Completed project book and Member's Project Guide pages 3-6, 2) one page report, 3) two welding projects – one of the projects recommended in the 4-H manual "Arcs & Sparks" and a second item of optional design will be judged on the qualities of design, construction, completion, finish, and workmanship.	Engineering—Welding Day: 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.
Woodworking				
556 Measuring Up, Level 1	В	At least 7 activities per year for up to three years At least 2 leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Completed project book, 2) one item made by the member from the project book or an article requiring the same skills as contained in the project book (only tools listed for the project are allowed to be used) All woodworking members will be required to demonstrate their woodworking skills and knowledge by completing the appropriate project for their class and knowledge stations, all material and tools will be provided	Woodworking Day: completed project book, project made at home, and interview NOTE: See the State Fair Guidebook for list of allowable tools.

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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.
557 Making the Cut, Level 2	I	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Completed project book, 2) one item made by the member from the project book or an article requiring the same skills as contained in the project book (only tools listed for the project are allowed to be used) All woodworking members will be required to demonstrate their woodworking skills and knowledge by completing the appropriate project for their class and knowledge stations, all material and tools will be provided	Woodworking Day: completed project book, project made at home, and interview NOTE: See the State Fair Guidebook for list of allowable tools.
558 Nailing It Together, Level 3	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Completed project book, 2) one item made by the member from the project book or an article requiring the same skills as contained in the project book (only tools listed for the project are allowed to be used) All woodworking members will be required to demonstrate their woodworking skills and knowledge by completing the appropriate project for their class and knowledge stations, all material and tools will be provided	Woodworking Day: completed project book, project made at home, and interview NOTE: See the State Fair Guidebook for list of allowable tools.

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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.
559 Finishing Up, Level 4	А	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide (Use the same book 1-3 years.)	Bring to evaluation: 1) Completed project book, 2) one item made by the member from the project book or an article requiring the same skills as contained in the project book (only tools listed for the project are allowed to be used) All woodworking members will be required to demonstrate their woodworking skills and knowledge by completing the appropriate project for their class and knowledge stations, all material and tools will be provided	Woodworking Day: completed project book, project made at home, and interview NOTE: See the State Fair Guidebook for list of allowable tools.
560M Woodworking Master	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 to evaluation: 1) Completed project book, 2) one item made by the member from the project book or an article requiring the same skills as contained in the project book (only tools listed for the project are allowed to be used) All woodworking members will be required to demonstrate their woodworking skills and knowledge by completing the appropriate project for their class and knowledge stations, all material and tools will be provided	Woodworking Day: completed project book, project made at home, and interview NOTE: See the State Fair Guidebook 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.
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Self-Determined

365 Self-Determined	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 to evaluation: 1) Completed 4-H 365 project book and project records, 2) sample of their project work, and 3) display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. Display must include Title of the Project, Background (historical or general information about your topic), areas of interest, results, and conclusion	Self-Determined Day: completed 365 project record, display, and interview NOTE: Requirements may be different for self-determined projects that go to other days.
365.01 Self- Determined, Companion Animal	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 to evaluation: 1) Completed 4-H 365 project book and project records, 2) sample of their project work, and 3) display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. Display must include Title of the Project, Background (historical or general information about your topic), areas of interest, results, and conclusion	Companion Animal 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.
365.02 Self- Determined, Creative Arts	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 to evaluation: 1) Completed 4-H 365 project book and project records, 2) sample of their project work, and 3) display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. Display must include Title of the Project, Background (historical or general information about your topic), areas of interest, results, and conclusion	Creative Arts Day I: completed project book, display (representing their learning experience), and interview
365.03 Self- Determined, Family Life	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 to evaluation: 1) Completed 4-H 365 project book and project records, 2) sample of their project work, and 3) display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. Display must include Title of the Project, Background (historical or general information about your topic), areas of interest, results, and conclusion	Family Life Day: 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.
365.04 Self- Determined, Natural Resources	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 to evaluation: 1) Completed 4-H 365 project book and project records, 2) sample of their project work, and 3) display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. Display must include Title of the Project, Background (historical or general information about your topic), areas of interest, results, and conclusion	Natural Resources Day: completed project book, display, and interview
365.05 Self- Determined, Quilt	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 to evaluation: 1) Completed 4-H 365 project book and project records, 2) sample of their project work, and 3) display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. Display must include Title of the Project, Background (historical or general information about your topic), areas of interest, results, and conclusion	Quilt Day: completed project book, 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.
365.06 Self- Determined, Workforce Prep	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 to evaluation: 1) Completed 4-H 365 project book and project records, 2) sample of their project work, and 3) display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. Display must include Title of the Project, Background (historical or general information about your topic), areas of interest, results, and conclusion	Workforce Preparation Day: display; including resume, appropriate attire; and interview

Workforce Preparation

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382 Am I Ready for Work?	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Bring to evaluation: Completed project book, display of something learned from the project	Workforce Preparation Day: Completed project book, must prepare a 30 second elevator speech to recite to the judge
386 You're Hired!	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Bring to evaluation: Completed project book, display of something learned from the project	Workforce Preparation Day: Completed project book, display (i.e, digital, trifold, portfolio, etc.) that shows the process you experienced to get hired in your job, appropriate attire; and interview
387 Here, There, Ag Careers Are Everywhere!	А	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 to evaluation: Completed project book, display of something learned from the project	Workforce Preparation Day: Completed project book, must bring a paper copy portfolio or digital portfolio to expand on your project knowledge, must bring a paper copy of a cover letter and resume, appropriate attire; and interview

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