

2017 Project Completion and Fair Requirements

1/25/2017

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.
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About 4-H

91 <i>Discovering 4-H</i>	B	All activities in 9 interest areas Project summary	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
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Animal Sciences

Beef				
117 <i>Beef Project and Record Book</i> (for beef breeding, beef feeder, dairy feeder, and market beef projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections At least 1 topic of interest At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities. Club or county level project review County project judging (may be optional)	Quality Assurance 2 Beef Specific Meetings Skillathon Completed Project/Record Book County Judging (See Jr Fair Book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .

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THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



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Companion Animals and Rabbits				
200 All About Dogs	B	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Companion Animal Day
201 Dog Project and Record Book (for pet, obedience, showmanship, performance and working dog projects)	X	Project animal by required date Project goals Member Project Guide, Dog Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)	3 Dog Meetings Attend a minimum of 10 training sessions per project A completed project book (See Jr Fair book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
202 Dog Achievement Program	X	To earn a certificate, choose 3 topic areas within one category and complete all 5 activities with each selected topic area, for a total of 15 activities. For more details, see project book or www.ohio4h.org/DAP .		
215 Cavy Project and Record Book	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)	2 Cavy Meetings A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	Companion Animal Day
216 Purr-fect Pals, Level 1	B	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	A completed project book A poster, exhibit or project displaying your knowledge Interview	Companion Animal Day
217 Climbing Up! Level 2	I	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	A completed project book A poster, exhibit or project displaying your knowledge Interview	Companion Animal Day

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218 <i>Leaping Forward, Level 3</i>	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	A completed project book A poster, exhibit or project displaying your knowledge Interview	Companion Animal Day
220 <i>Pocket Pets Project and Record Book</i>	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)	2 Pocket Pet Meetings County Judging (See Jr Fair book for Jr Fair participation county rules)	Companion Animal Day
225 <i>Breeding Rabbit Project and Record Book</i>	X	Project animal by required date At least 1 topic of Interest At least 5 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)	Quality Assurance 1 Rabbit Meeting Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
226 <i>Market Rabbit Project and Record Book</i>	X	Project animal by required date At least 1 topics of interest At least 5 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)	Quality Assurance 1 Rabbit Meeting Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules: if taking a market rabbit/ it is a jr fair rule you are to also take a breed rabbit)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .

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227 <i>Pet Rabbit Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 8 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)	1 Rabbit Meeting Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	Companion Animal Day
230 <i>4-H PetPALS Project and Record Book</i>	X	Project animal by required date Project Goals and Objectives At least 2 project experiences Other animal project records County project judging (may be optional) Must be enrolled in a PetPALS program under the direction of a master 4-H PetPALS leader	Not offered at county level	Companion Animal Day
Dairy Cattle				
122 <i>Dairy Heifer Project and Record Book</i>	X	Project animal by required date Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	Quality Assurance 3 Dairy Meetings A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See “Jr. Livestock” events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
126 <i>Dairy Cow Project and Record Book</i>	X	Project animal by required date Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	Quality Assurance 3 Dairy Meetings A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See “Jr. Livestock” events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .

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Goats				
135 Goat Project and Record Book (for breeding, fiber, harness, market, pack, pygmy, and companion projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	Quality Assurance (for market & dairy goats only) 1 Goat Meeting 1 Goat Clinic A completed project book Skillathon County Judging (See Jr Fair book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
Horses				
173 Horseless Horse	B	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	A completed project book A poster, binder, or book displaying your knowledge Interview	No state fair event
174 Beginning Horse Management	B	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	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> 2 Horse Meetings A completed project book Skillathon County Judging (See Jr Fair book for Jr Fair participation county rules)	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .

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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 <i>Equine Record Book</i> One-page report	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> 2 Horse Meetings A completed project book Skillathon County Judging (See Jr Fair book for Jr Fair participation county rules)	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .
177 Horse Training: How to Talk to Your Horse	I	Project horse required by deadline Appropriate helmet and other equipment Completed 190R <i>Equine Record Book</i>	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> 2 Horse Meetings A completed project book Skillathon County Judging (See Jr Fair book for Jr Fair participation county rules)	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .
180 Learning to Jump	I	Project horse required by deadline Appropriate helmet and other equipment All 3 project areas At least 5 activities in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities One-page summary Complete 190R <i>Equine Record Book</i>	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> 2 Horse Meetings A completed project book Skillathon County Judging (See Jr Fair book for Jr Fair participation county rules)	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .

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181 Draft Horses	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Interest areas 1-5 and 7 (new members) Interest areas 2-7 (returning members) Things to Do in each interest area At least 2 learning opportunities At least 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> 2 Horse Meetings A completed project book Skillathon County Judging (See Jr Fair book for Jr Fair participation county rules)	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .
184 Standardbred Horse	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Explore all interest areas At least 2 Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> 2 Horse Meetings A completed project book Skillathon County Judging (See Jr Fair book for Jr Fair participation county rules)	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .
185 Equine Reproduction and Genetics	A	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All 3 major interest areas At least 3 Things to Do in each of your selected interest areas At least 3 project learning activities and 3 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> Project diary or scrapbook	Must follow <i>Uniform Rules for 4-H Horse Shows</i> A completed project book A poster, binder, or book displaying your knowledge Interview	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .

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188 Trail Riding	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 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants Must follow Must follow <i>Uniform Rules for 4-H Horse Shows</i> A completed project book A poster, binder, or book displaying your knowledge Interview	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .
189 Dressage	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section New members explore interest areas 1-4 and first year Completion of project activities Repeating members complete Completion of Project activities All of the Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page report	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> A completed project book A poster, binder, or book displaying your knowledge Interview	Must participate in a dressage competition and meet scoring requirements Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
762 Horse Nutrition	A	Project horse required by deadline Appropriate helmet and other equipment Completed 190R <i>Equine Record Book</i>	Horse Safety Program for first-time program participants Must follow <i>Uniform Rules for 4-H Horse Shows</i> A completed project book A poster, binder, or book displaying your knowledge Interview	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 www.ohiostatefair.com . See also http://4hansci.osu.edu .

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Llamas and Alpacas				
132 <i>Llama and Alpaca Project and Record Book</i>	X	Project animal by required date Project Goals and Objectives Member Project Guide, Animal Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)	2 handling clinics A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See "Open Livestock" events under the Competitions tab at www.ohiostatefair.com
Poultry				
150 <i>Poultry Project and Record Book</i> (for exhibition and market chicken, duck, goose, turkey; chicken, egg production: hens and pullet; and helmeted guinea fowl projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	Quality Assurance 3 Poultry Meetings Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules) (Jr Fair rule if you are taking a Market Chicken you must also take a Non-Market Chicken)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
Sheep				
198 <i>Market Lamb Project and Record Book</i>	X	Project animal by required date All activities Club or county level project review County project judging (may be optional)	Quality Assurance 2 Lamb Meetings Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .

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199 <i>Sheep Breeding Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	Quality Assurance 2 Sheep Meetings Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
Swine				
139 <i>Market Hog Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	Quality Assurance 3 Hog Meetings Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
140 <i>Swine Breeding Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	Quality Assurance 3 Hog Meetings Skillathon A completed project book County Judging (See Jr Fair book for Jr Fair participation county rules)	See "Jr. Livestock" events under the Competitions tab at www.ohiostatefair.com . See also http://4hansci.osu.edu .
Veterinary Science				
244 <i>From Airedales to Zebras, Level 1</i>	B	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview

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245 <i>All Systems Go! Level 2</i>	I	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
246 <i>On the Cutting Edge, Level 3</i>	A	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview

Child and Family Development

434 <i>Growing on My Own, Step 1</i>	B, ages 9-11	7 chapter activities, 1 main activity in each of the 4 chapters, and a project portfolio At least 1 additional organized activity At least 1 leadership/citizenship/career exploration activity Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Family Life Day: Pencil, completed project book, project portfolio, interview
435 <i>Growing with Others, Step 2</i>	I, ages 11-14	7 chapter activities, 1 main activity in each of the 4 chapters, and a project portfolio At least 2 additional organized activities At least 2 leadership/citizenship/career exploration activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Family Life Day: Pencil, completed project book, project portfolio, interview
436 <i>Growing in Communities, Step 3</i>	A, ages 15-19	7 chapter activities, 1 main activity in each of the 4 chapters At least 2 additional organized activities At least 2 leadership/citizenship/career exploration activities Project review and project portfolio	A completed project book A poster, exhibit or project displaying your knowledge Interview	Family Life Day: Pencil, completed project book, project portfolio, interview
442 <i>Family History Treasure Hunt (Genealogy)</i>	I	Activities in 9 areas 1 learning experience 1 leadership/citizenship activity Project evaluation	A completed project book A poster, exhibit or project displaying your knowledge Interview	Family Life Day: pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation

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Clothing and Textile Science

409 <i>Sew Fun!</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A pin cushion and fully elastic-waisted skirt, shorts, pants, or capris Project review	A completed project book Fully elastic – waisted skirt, shorts, pants or capris Interview	Clothing Days: completed project book and fully elastic-waisted skirt, shorts, pants, or capris
410 <i>Fun with Clothes</i>	B	All 6 interest areas Decorate a sweatshirt or T-shirt At least 2 additional organized activities At least 2 leadership/citizenship/career exploration activities Project evaluation and <i>You Be the Judge</i>	A completed project book An outfit Interview	Clothing Days: completed project book and outfit
411 <i>em•bel•lish: A 4-H Guide to Wearable Art</i>	I	All 10 activities and 3 journal pages At least one embellished garment At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A garment with embellishments Interview	Clothing Days: completed project book and embellishment(s) on at least one garment
413 <i>Sundresses and Jumpers</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review	A completed project book A jumper or sundress Interview	Clothing Days: completed project book and outfit
419 <i>Tops for Tweens</i>	B	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities One-page report and a project evaluation	A completed project book An outfit Interview	Clothing Days: completed project book and outfit

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424 <i>Clothing for Middle School</i>	I, ages 10-14	All 5 interest areas At least 1 garment with sleeves or a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience. Project evaluation and project summary	A completed project book An outfit Interview	Clothing Days: completed project book and outfit
406 <i>Clothes for High School and College</i>	A	All 5 major areas At least 2 additional organized activities At least 2 leadership/citizenship activities A wardrobe inventory At least 1 outfit with a minimum of 2 pieces or a 1-piece garment with sleeves, plus some other style detail not tried before Repair at least 3 items from your wardrobe Project summary	A completed project book An outfit Interview	Clothing Days: completed project book and outfit
407 <i>Accessories for Teens</i>	B, ages 13+	All 4 interest areas At least 1 additional 4-H activity At least 1 leadership/citizenship experience Wardrobe evaluation and accessories to complement at least 1 outfit At least 1 accessory: bag/purse, belt/cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders to complete the appearance of an outfit Project record and evaluation	A completed project book An outfit (wear at least one accessory you made with the outfit it was designed for) Interview	Clothing Days: completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for)

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420 <i>Outerwear for Anywhere</i>	A	All 4 projects areas and activities At least 2 learning experiences At least 2 leadership/citizenship activities An advanced-level outer garment, such as a coat, jacket, raincoat, cape, or other similar outer garment, and add other clothing accessories for a total look. Project summary and project review	A completed project book An outfit Interview	Clothing Days: completed project book and outfit
425 <i>Look Great for Less</i>	A, ages 15-18	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An inexpensive outfit Project record, summary, and evaluation	A completed project book An outfit Interview	Clothing Days: completed project book and outfit
412 <i>Sew for Others</i>	I	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A complete outfit for an individual or 3 different garments (adapted) for someone with special needs Project evaluation	A completed project book An outfit (it is desired but not required for the "other" to wear the outfit) Interview	Clothing Days: completed project book and outfit (It is desirable but not required for the "other" to wear the outfit. Also, if the project is repeated, a new category of "other" must be selected)
415 <i>Active Sportswear</i>	I	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities At least one garment with a total look for an active sportswear outfit Project summary and project review	A completed project book An outfit Interview	Clothing Days: completed project book and outfit
418 <i>Loungewear</i>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A loungewear outfit to wear over garments you make or buy Project record, summary, and review	A completed project book An outfit Interview	Clothing Days: completed project book and outfit
430 <i>Shopping Savvy</i>	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review	A completed project book An outfit including accessories Interview	Clothing Days: completed project book and outfit

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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.
3408 <i>Creative Costumes</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A costume from one of these categories: historical, ethnic/cultural, theatrical, or special interest Project record and evaluation summary	A completed project book A costume from one of these categories: historical, ethnic/cultural, theatrical, or special interest Interview	Clothing Days: completed project book and outfit
417 <i>Dress-Up Outfit</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A dress-up garment with two or more new experiences (zipper, sleeves, new trim or fabric) and coordinate/incorporate/integrate into your total look Project evaluation and project review	A completed project book A dress up outfit Interview	Clothing Days: completed project book and outfit
426 <i>Clothing for Your Career</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An outfit with at least 2 pieces appropriate for a job, volunteer, work, or an interview (suit, uniform, or work outfit) At least 2 alterations A brief description of an interesting job. Job site visit or interview a professional, or both Project record and evaluation	A completed project book An outfit required by the project Interview	Clothing Days: completed project book and outfit.
432M <i>Sewing and Textiles (non-Clothing) Master</i>	A	At least one non-clothing fabric item At least 2 learning experiences At least 2 leadership/citizenship activities Project records including interview, budget, and photos Judging activity	A completed project book A poster, exhibit or project displaying your knowledge Interview	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.
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Communication

377 <i>Finding Your Voice: Public Speaking Made Easy</i>	B	All 7 Activities At least 2 learning experiences At least 2 leadership/citizenship activities Record of decorating skills and techniques Project review	A completed project book A display Interview	Leadership Day: completed project book, display, and interview
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Creative and Leisure Arts

Cake Decorating				
492 <i>Cake Decorating Project and Record book</i>	X	At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Record of decorating skills and techniques Project and cake records Project summary and review	A completed project book A poster, exhibit or project displaying your knowledge A decorated cake (optional) Interview	Creative Arts Day II: completed project book, display (decorated cake and poster), written and hands-on skills evaluation, and interview
Collecting				
496 <i>My Favorite Things</i>	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Creative Arts Day I: completed project book, display (representing their learning experience), and interview
Fine Arts				
498 <i>Quilting the Best Better</i>	I	All 8 activities and all Quilting Quotes questions At least 2 learning experiences At least 2 leadership/citizenship activities Quilt blocks, a pillow to be donated, and a lap quilt (minimum 30" x 30" and maximum 54" x 72") Project review	A completed project book Bring one mini quilt (as per patterns (2) provided in the project book) Interview	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.
499 <i>You Can Quilt!</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Construct a Rail Fence or Four Patch mini-quilt Project summary and project review	A completed project book Bring one mini quilt (as per patterns (2) provided in the project book) Interview	Quilt Day: completed project book, mini quilt, and interview
592 <i>Get Started in Art</i>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	A completed project book A poster (piece of art/poster), written skills evaluation displaying your knowledge Interview	Creative Arts Day I: completed project book, display (piece of art/poster), written skills evaluation, and interview
Photography				
584 <i>Focus on Photography, Level 1</i>	B	All 4 project areas, photo journal, and review questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A display (single mounted print, prints that tell a "photo story" or prints that illustrate an activity) May use film or digital cameras Interview	Photography Day: completed project book, display (single mounted print, prints that tell a "photo story," or prints that illustrate an activity), and interview
585 <i>Controlling the Image, Level 2</i>	I	All 4 project areas, photo journal, and review questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A display (single mounted print, prints that tell a "photo story" or prints that illustrate an activity or single print with a news story it illustrates) May use film or digital cameras Interview	Photography Day: completed project book, display (single mounted print, prints that tell a "photo story," prints that illustrate an activity, or single print with the news story it illustrates)
586 <i>Mastering Photography, Level 3</i>	A	All 4 project areas, photo journal, and review questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A display (single mounted print, prints that tell a "photo story" or prints that illustrate an activity or single print with a news story it illustrates) May use film or digital cameras Interview	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)

* 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.
589M <i>Photography Master</i>	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	A completed project book Bring at least 1 print for display, mounted at participants discretion, illustrating “the best” of the photographs and demonstrating the area of interest chosen to “master” in this year’s project May use film or digital cameras Interview	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 <i>Scrapbooking: A 4-H Guide to Preserving Memories</i>	B	All 3 project areas (the last activity is optional) At least 2 learning experiences At least 2 leadership/citizenship activities A scrapbook Project review	A completed project book A display (scrapbook) Interview	Creative Arts Day I: completed project book, display, written and hands-on skills evaluation, and interview
Theater Arts				
596 <i>Play the Role</i>	I	At least 6 activities per year	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
597 <i>Become a Puppeteer</i>	I	At least 6 activities per year	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
598 <i>Set the Stage</i>	I	At least 6 activities per year	A completed project book A poster, exhibit or project displaying your knowledge Interview	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.
Writing				
587 <i>Writing and Reporting for Teenagers</i>	A	All 10 assignments, which include 9, 1-2 page reports At least 2 learning experiences At least 2 leadership/citizenship activities Project summary	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
588 <i>The Writer in You</i>	I	All 11 activities (including a writing portfolio) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event

Food and Nutrition

****NOTE**** *The Portfolio is project specific and is used to enhance a conversation between the member and a judge about activities the member completed within the project. The participant will be responsible for bringing a 3 pronged folder or binder that includes 8 ½" x 11" pages. Participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. Ideas for these pages include journaling, a timeline, and photos taken during their project, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or can be a combination of styles allowing the 4-H'er to reflect on their learning experience. **There will be no points for scrapbooking style.***

459 <i>Let's Start Cooking</i>	B	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
483 <i>Sports Nutrition 1: On Your Mark!</i>	B	All 5 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
484 <i>Snack Attack!</i>	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
486 <i>Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
487 <i>Fast Break for Breakfast</i>	B	All 5 interest areas, including at least 2 recipes in each area Allow 4 weeks for the chicken bone experiment At least 2 learning experiences and 2 leadership/citizenship/career activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
461 <i>Let's Bake Quick Breads</i>	I	All 8 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
463 <i>Sports Nutrition 2: Get Set!</i>	I	All 5 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
472 <i>Grill Master</i>	I	All 6 activities, including at least 5 recipes and the Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
474 <i>Beyond the Grill</i>	A	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
475 <i>Star Spangled Foods</i>	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
477 <i>Party Planner: A 4-H Guide to Quantity Cooking</i>	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
485 <i>Racing the Clock to Awesome Meals</i>	I	All 7 activities, including 1 recipe and the Notes for Next Time for each activity At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
462 <i>Yeast Breads on the Rise</i>	A	All 5 interest areas, including at least 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project record and summary	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
467 <i>You're the Chef</i>	A	All 8 interest areas, including 7 meals At least 2 learning experiences At least 2 leadership/citizenship activities Project record, evaluation at the end of each interest area, and review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
469 <i>Global Gourmet</i>	A	All 7 activities, including preparation of meals and Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
476 <i>Pathways to Culinary Success</i>	A	All 6 chapters, including at least 3 recipes or additional ideas for each chapter At least 3 learning experiences At least 1 leadership/citizenship/career activity Project record and project journal	A completed project book **A Portfolio** displaying your knowledge See **Note**above Knowledge of MyPlate A printed menu for a day A place setting One food item presented from the project and on printed menu Interview	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

Healthy Living

300 <i>You're the Athlete</i>	I	At least 1 (of 7) section (Play Book, Practice Field, and Big Event) Either 2 other Play Book and at least 2 Practice Field activities OR 1 other section ((Play Book, Practice Field, and Big Event) At least 2 special learning experiences At least 2 leadership/citizenship/career applications "My Season highlights" (project summary)	A completed project book A poster, exhibit or project displaying your knowledge Interview	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.
351 <i>Staying Healthy</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Health Day: completed project book, display, and interview
352 <i>Keeping Fit</i>	I	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Health Day: completed project book, display, and interview
353 <i>First Aid in Action</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Health Day: completed project book, display, and interview
357 <i>Alcohol and Drug Abuse</i>	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Health Day: completed project book, display, and interview
358 <i>The Truth About Tobacco</i>	A	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Health Day: completed project book, display, and interview

Home Living

405 <i>The Laundry Project</i>	B	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	A completed project book A poster, exhibit or project displaying your knowledge (see state requirement) Interview	Home Decorating and Design Day: completed project book, display (visuals and records), and interview
491 <i>Adventures in Home Living</i>	B	All 7 activities in Section 1 At least 2 activities from Section 2 One demonstration At least 2 leadership/citizenship activities Project record and project review	A completed project book A poster, exhibit or project displaying your knowledge (see state requirement) Interview	Home Decorating and Design Day: completed project book, display (an item constructed in the project, visuals to show how it makes more pleasing and practical living), 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.
494 <i>Makeover My Space</i>	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge (see state requirement) Interview	Home Decorating and Design Day: completed project book, display (visuals and records), and interview
495 <i>Your First Home Away From Home</i>	A	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record	A completed project book A poster, exhibit or project displaying your knowledge (see state requirement) Interview	Home Decorating and Design Day: completed project book, display (visuals and records), and interview

Leadership and Citizenship

370 <i>One on One</i>	A	At least 2 activities of first 3 interest areas At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project book, display, and interview
371 <i>Club Leadership 1</i>	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project book, display, and interview
372 <i>Diversity: The Source of Our Strength</i>	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project book, display, and interview
373 <i>My Hands to Larger Service: Teen Leaders Building Our Communities</i>	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project book, display, and interview
374 <i>Teens on Board</i>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
375 <i>Leadership Road Trip: Where Are You Going?</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project book, display, and interview
375i <i>Leadership Road Trip iBook</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: iPad with completed project book, display, and interview
376 <i>Pantry Panic!</i>	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project book, display, and interview
378M <i>Leadership Master</i>	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project record, display, and interview
383 <i>Club Leadership 2</i>	A	All 11 activities and Talking It Over questions At least 3 individual goals or additional activities At least 2 learning experiences At least 2 citizenship activities Project summary and project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Leadership Day: completed project record, 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.
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Money Management

445 <i>Becoming Money Wise</i>	B	Level I All 11 Making \$ense and all 5 Money Talk activities As many additional More Making \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities Level II All 12 Resource \$ense and 3 Resource Talk activities As many additional More Resource \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities A money journal	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
448 <i>Teens . . . On the Road to Financial Success</i>	A	All 11 activities for Year 1 and for Year 2 At least 2 organized activities At least 2 leadership/citizenship activities	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event

Natural Resources

Gardening and Plant Science				
670 <i>Canning and Freezing</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
671 <i>How Does Your Garden Grow?</i>	B	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
691 <i>Grow Your Own Vegetables</i>	B	All 11 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
692 <i>Growing with the Seasons</i>	I	All 7 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Maintain a minimum of 225 sq. ft. of gardening space Grow a minimum of 3 vegetable varieties for each growing season Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
The Natural World				
611 <i>Explore the Outdoors</i>	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
617 <i>Exploring Ponds</i>	A	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
620 <i>Why Trees Matter</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
621 <i>Ohio Birds</i>	X	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Observe and record at least 20 different bird species One-page summary	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: 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.
622 <i>Trapping Muskrats in Ohio</i>	I	All 7 activities At least 3 learning experiences At least 3 leadership/citizenship activities 2 of 3 projects for first year; 2 of 3 projects for second year A poster board	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
623 <i>Fishing for the Beginner</i>	B	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
624 <i>Fishing for the Intermediate</i>	I	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
641 <i>Beekeeping Project and Record Book</i>	X	Set at least 3 project goals and objectives At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Colony Care and Management section Beekeeping Record	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
644 <i>Teaming with Insects, Level 1</i>	B	All 5 chapters (16 activities) Learning experiences and leadership/citizenship activities are built in to regular activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display (does not need to be an insect collection), and interview
645 <i>Teaming with Insects, Level 2</i>	I	All 5 chapters (16 activities) Learning experiences and leadership/citizenship activities are built in to regular activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: completed project book, display, and interview
646 <i>Teaming with Insects, Level 3</i>	A	All 5 chapters (15 activities) Learning experiences and leadership/citizenship activities are built in to regular activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Natural Resources Day II: 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.
<h2 style="margin: 0;">Shooting Sports</h2> <p>**NOTE** A certified shooting sports instructor must sign the cover of the member record book to be eligible to compete in 4-H Shooting Sports (Projects 750, 751, 752, 753, 754, 755 and 756). Guns, bows, arrows, ammunition, and firearms of any kind are not permitted at the judging. 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. Displays 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 (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display.</p>				
630 Safe Use of Guns	B	All 7 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities One-page summary	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
631 Basic Archery	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
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	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
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 completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: 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	A completed project book A poster, exhibit or project displaying your knowledge Interview See **Note**above	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details.
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Science, Technology, Engineering, and Math (STEM)

Aerospace Science				
501 <i>Rockets Away</i> (2-Liter Bottle Rockets)	B, ages 10-17	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a 2-liter bottle rocket Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
502 <i>Science Fun with Flight</i>	B, ages 9-14	All 7 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Build a glider or flyer, or a plastic model airplane or jet Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
503 <i>Rockets Away</i> (Solid-Fuel Model Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a solid-fuel model rocket from a kit Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
503M <i>Solid-Fuel Rocketry Master</i>	A	One major solid-fuel rocketry project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
All-Terrain Vehicles (ATV)				
555 <i>ATV Safety</i>	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities	A completed project book A poster, exhibit or project displaying your knowledge Interview	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.
Bicycle				
517 <i>Bicycling for Fun, Level I</i>	B	At least 7 activities per year Complete the Bicycling For Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
518 <i>Wheels in Motion, Level 2</i>	I	At least 7 activities per year Complete the Bicycling For Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
Chemistry				
493 <i>Science Fun with Kitchen Chemistry</i>	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
Electricity				
527 <i>Magic of Electricity, Level 1</i>	B	At least 7 activities per year (3 main activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
528 <i>Investigating Electricity, Level 2</i>	I	At least 7 activities per year(3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
529 <i>Wired for Power, Level 3</i>	I	At least 7 activities per year(3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
530 <i>Entering Electronics, Level 4</i>	A	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement 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.
531 <i>Science Fun with Electricity</i>	B	All interest areas Experiments and journals for each interest area At least 2 project activities At least 2 leadership/citizenship activities Project summary	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
Energy				
550 <i>Young Engineers in Solar Energy</i>	I	All 9 activities (including a capstone project) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
Food Science				
490 <i>Science Fun with Dairy Foods: The Case of the Missing Milk</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
Electric Radio-Controlled Vehicles				
504 <i>Electric Radio-Controlled Vehicles</i>	I	All 10 activities and 3 records Safety checklist At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	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.
Knots				
540 <i>Not Just Knots</i>	X	All 17 activities (including a capstone project) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
Physics				
500 <i>Science Fun with Physics</i>	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	A completed project book A poster, exhibit or project displaying your knowledge Interview	STEM Day: completed project book, display, and interview
Robotics				
507 <i>Robotics 1 with EV3</i>	I	All 12 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge (see state fair requirements) Interview	STEM Day – completed project book, display and interview. In addition to the interview, contestants will demonstrate their LEGO EV3 robot's ability to complete three or more of the tasks identified in Activity 12 of the 4-H 507 project book in less than 10 minutes. Contestants are required to bring their own test surface on which to demonstrate their robot's completion of these tasks along with a printout of the program.
508 <i>Robotics 2: EV3N More</i>	A	All 7 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	A completed project book A poster, exhibit or project displaying your knowledge (see state fair requirements) Interview	STEM Day – completed project book, display and interview. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing (in less than 10 minutes) along with a printout of the program.

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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.
512M <i>Robotics Master</i>	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	A completed project book A poster, exhibit or project displaying your knowledge (see state fair requirements) Interview	STEM Day: completed project book, display, interview, and tasks. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing along with a printout of the program.
Small Engines and Lawn Care				
541 <i>Crank It Up, Level 1</i>	B	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
542 <i>Warm It Up, Level 2</i>	I	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
543 <i>Tune It Up, Level 3</i>	A	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide	A completed project book A poster, exhibit or project displaying your knowledge Interview	Engineering Excitement Day: completed project book, display, and interview
548 <i>Lawn Care</i>	X	Complete suggested number of activities in interest areas 1-5 (area 3 is optional) At least 2 organized project activities At least 2 leadership/citizenship activities One-page report	A completed project book A poster, exhibit or project displaying your knowledge Interview	No state fair event
Tractor and Machinery Operation				
551 <i>Starting Up: Getting to Know Your Tractor, Level A</i>	B	Complete all activities	A completed project book Participate in Tractor Certification Program (optional)	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events

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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.
552 <i>Tractor Operations: Gearing Up for Safety, Level B</i>	I	Complete all activities	A completed project book A poster, exhibit or project displaying your knowledge Interview Participate in Tractor Certification Program (optional)	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
553 <i>Moving Out: Learning About Your Tractor and Farm Machinery, Level C</i>	I	Complete all activities	A completed project book A poster, exhibit or project displaying your knowledge Interview Participate in Tractor Certification Program (optional)	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
554 <i>Learning More: Learning About Agricultural Tractors and Equipment, Level D</i>	A	Complete all activities	A completed project book A poster, exhibit or project displaying your knowledge Interview Participate in Tractor Certification Program (optional)	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
Welding				
573 <i>Arcs and Sparks</i>	I	Recommended number of areas, building skills, and developing knowledge questions for your year At least 2 organized project activities At least 2 leadership/citizenship activities Build at least 2 weldments/or other items in book One-page report	A completed project book A poster, exhibit or project displaying your knowledge(see state fair requirements) Interview	Engineering—Welding Day: completed project book, appropriate gear, other equipment and/or supplies, and welding project NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).

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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.
<h2>Woodworking</h2> <p>**NOTE** Exhibitors shall display one item (“home project”) made from their project book or an item requiring the same skills as contained in the project book (members may use any or all tools listed in their class and for lower classes, plus advanced joining techniques appropriate to project). Remember it is the demonstration of skills and not the size of the project that is judged.</p>				
556 <i>Measuring Up, Level 1</i>	B	At least 7 activities per year for up to three years At least 2 leadership experiences Planning Guide	A completed project book A poster, exhibit or project showing your knowledge(see state fair requirements) See **Note**above Interview	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.
557 <i>Making the Cut, Level 2</i>	I	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide	A completed project book A poster, exhibit or project showing your knowledge(see state fair requirements) See **Note**above Interview	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.
558 <i>Nailing It Together, Level 3</i>	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide	A completed project book A poster, exhibit or project showing your knowledge(see state fair requirements) See **Note**above Interview	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.
559 <i>Finishing Up, Level 4</i>	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide	A completed project book A poster, exhibit or project showing your knowledge (see state fair requirements) See **Note**above Interview	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.

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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.
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	A completed project book A poster, exhibit or project showing your knowledge (see state fair requirements) See <i>Note</i> above Interview	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.

Self-Determined

365 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	A completed project book A poster, exhibit or project displaying your knowledge (see state fair requirements) Interview	Self-Determined Day: completed 365 project record, tri-fold display, sample of project work, and interview NOTE: Requirements are different for self-determined projects that go to other days.
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Workforce Preparation

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	A completed project book A poster, exhibit or project displaying your knowledge Interview	Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview
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