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*	B	All activities in 9 interest areas Project summary	Exhibit a display that shows what you accomplished/learned	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	Exhibit a display that shows what you accomplished/learned; attend county project presentation day (optional)	Family Life Day: completed project book, display, and interview

Animal Sciences

Beef

117 *Beef Project and Record Book* (for beef breeding, beef feeder, dairy beef 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)	See column to the left. Exhibit your animal(s) at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

* 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.
Dairy Cattle				
127 ***Dairy Cattle Project and Record Book*** (for dairy calf, dairy heifer, and dairy cow)	X	Project animal by required date Project Guide, Animal Records, Financial Records, and Quality Assurance sections Club or county level project review County project judging (may be optional)	See column to the left. Exhibit your animal(s) at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
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	See column to the left. Exhibit your dog at the fair (optional) OR attend county project presentation day.	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)	See column to the left. Exhibit your dog at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 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 ohio4h.org/DAP.	See column to the left.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu
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)	See column to the left. Exhibit your cavy at the fair (optional) OR attend county project presentation day.	Companion Animal Day

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
216 *Purr-fect Pals, Level 1*	B	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	See column to the left. Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Exhibit your cat(s) at the fair (optional) OR attend county project presentation day.	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	See column to the left. Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Exhibit your cat(s) at the fair (optional) OR attend county project presentation day.	Companion Animal Day
218 *Leaping Forward, Level 3*	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	See column to the left. Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Exhibit your cat(s) at the fair (optional) OR attend county project presentation day.	Companion Animal Day
220 *Pocket Pets 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)	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned.	Companion Animal Day

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
228 *Rabbit Project and Record Book* (for breeding, market, and pet projects)	X	Project animal by required date At least 5 learning activities At least 2 learning experiences At least 1 topic of interest At least 2 leadership/citizenship activities Animal Records and Quality Assurance sections Club or county level project review County project judging (may be optional)	For breeding and market rabbits: See column to the left. Exhibit your rabbit(s) at the fair (optional) Pet Rabbit - Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu
230 *4-H PetPALS Project and Record Book*	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned.	No State Fair Level evaluation

Goats

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
135 *Goat Project and Record Book* (for breeding dairy; breeding meat; fiber; harness; market dairy, meat, or cross; pack, pygmy, and companion/pet goat 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)	See column to the left. Exhibit your animal(s) at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

* 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.
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	See column to the left. Attend county project presentation day (optional) Completed project book Display (scrapbook, poster, etc.) that shows what was learned.	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	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* 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	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 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 *Equine Record Book*	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

* 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.
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 *Equine Record Book*	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
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 *Equine Record Book* One-page summary	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
182 *Small Equine*	I	Project horse required by deadline Appropriate helmet and other equipment Project Areas 1-7, each with at least one project activity At least 2 learning experiences At least 2 leadership/citizenship activities Completed 190R *Equine Record Book* One-page summary	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 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 *Equine Record Book* One-page summary	See column to the left. EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

* 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.
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 *Equine Record Book* Project diary or scrapbook	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
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 *Equine Record Book* One-page summary	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must qualify at PAS show. Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 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 *Equine Record Book* One-page report	See column to the left. Exhibit your horse(s) at the fair (optional) EquiStep program for all horse program participants	Must participate in a dressage competition and meet scoring requirements Must follow *Uniform Rules for 4-H Horse Shows* See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

* 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.
Llamas and Alpacas				
132 *Llama and Alpaca Project and Record Book*	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)	See column to the left.	See "Open Livestock" events under the Competitions tab at ohiostatefair.com
Poultry				
150 *Poultry Project and Record Book* (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)	See column to the left. Exhibit your birds at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
Sheep				
198 *Market Lamb Project and Record Book*	X	Project animal by required date All activities Club or county level project review County project judging (may be optional)	See column to the left. Exhibit your lamb at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
199 *Sheep Breeding Project and Record Book*	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)	See column to the left. Exhibit your sheep at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.

* 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.
Swine				
139 *Market Hog Project and Record Book*	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)	See column to the left. Exhibit your hog at the fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
140 *Swine Breeding Project and Record Book*	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)	See column to the left. Exhibit your hog at the state fair (optional)	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com. See also 4hansci.osu.edu.
Veterinary Science				
244 *From Airedales to Zebras, Level 1*	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 *(Use the same book 1-3 years.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was 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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned.	Vet Science Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
246 *On the Cutting Edge, Level 3*	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 *(Use the same book 1-3 years.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned.	Vet Science Day: completed project book, display, and interview

Clothing and Textile Science

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for)
409 *Sew Fun!*	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and fully elastic-waisted skirt, shorts, pants, or capris
410 *Designed by Me*	B	All 8 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Decorate (or embellish) a T-shirt, sweatshirt, button-down shirt, or simple jacket Project review Project record (if any materials purchased)	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and outfit

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
413 *Sundresses and Jumpers*	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and the sundress or jumper you constructed
419 *Terrific Tops*	B	All 8 activities, including Talking It over questions At least 2 learning experiences At least 2 leadership/citizenship activities A top that is part of a complete outfit Project review	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	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 *Ready, Set, Sew Active!*	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities At least one garment that is part of an active sportswear outfit Project summary and project review	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and outfit
418 *Loungewear*	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and lounging outfit

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
424 *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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and garment you constructed
430 *Shopping Savvy*	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and outfit
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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and costume you made for yourself

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
417 *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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and outfit
426 *Clothing for Your Career*	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	See the column to the left. Attend county project presentation day (optional); Completed project book and outfit	Clothing Days: completed project book and outfit.

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
432M **Sewing and Textiles (non-Clothing) Master**	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	See the column to the left. Attend county project presentation day (optional); Completed project book and non-clothing fabric item	No state fair event

Communication

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
377 **Finding Your Voice: Public Speaking Made Easy**	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Participate in county Communications Contest (optional) Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project book, display, and interview

Creative and Leisure Arts

Cake Decorating

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
492 **Cake Decorating Project and Record book**	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned. See state fair requirements on the right for county judging requirements	Creative Arts Day II: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Collecting				
496 *My Favorite Things*	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned. See state fair requirements on the right for county judging requirements	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	See column to the left. Attend county project presentation day (optional) Quilt blocks, lap quilt Completed project book, See state fair requirements on the right for county judging requirements	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 mini-quilt Project summary and project review	See column to the left. Attend county project presentation day (optional) Completed project book and mini quilt See state fair requirements on the right for county judging requirements	Quilt Day: completed project book, mini quilt, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	Creative Arts Day I: completed project book, display (piece of art/poster), 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.
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	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	Creative Arts Day I: completed project book, display (portfolio), and interview

Genealogy

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
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.)*	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	Family Life Day: pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation

Photography

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
584 *Photography Basics, Book 1*	B	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	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 for non-livestock projects.
586 *Mastering Photography, Book 3*	A	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	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 *Photography Master*	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	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

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
497 *Scrapbooking: A 4-H Guide to Preserving Memories*	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	See column to the left. Attend county project presentation day (optional); Completed project book and completed project See state fair requirements on the right for county judging requirements	Creative Arts Day I: completed project book, display, and interview

Writing

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
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	See column to the left. Attend county judging (optional); Completed project book Portfolio of writing	No state fair event

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

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

Food and Nutrition

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
459 *Let's Start Cooking*	B	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
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	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
481 *Everyday Food and Fitness*	B	All 7 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
484 *Snack Attack!*	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
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	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
487 *Take a Break for Breakfast*	B	All 5 activities, including at least 5 recipes At least 2 learning experiences and 2 leadership/citizenship/career activities Project review	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
461 *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	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
467 *Cooking on My Own*	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
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	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
474 *Beyond the Grill*	A	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
475 *Star Spangled Foods*	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
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	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook

* 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.
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	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
462 *Yeast Breads on the Rise*	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 *(Use the same book 1-2 years.)*	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook
469 *Global Gourmet*	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	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
476 *Kitchen Boss*	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship/career activity Project review	See column to the left. Attend county project presentation day (optional); Project presentation folder See state fair requirements on the right for county judging requirements DO NOT BRING FOOD OR A PLACE SETTING TO COUNTY JUDGING.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" See instructions here: https://ohio4h.org/nonlivestockguidebook

Healthy Living

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
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)	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview
351 *Staying Healthy*	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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.
353 *First Aid in Action*	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview
354 *Medicine Science and Safety*	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview
357 *Alcohol and Drug Abuse*	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview
358 *The Truth About Tobacco*	A	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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*	A	All 10 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview
360 *Your Feelings Matter*	B	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview
434 *Superhero You*	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Health Day: completed project book, display, and interview

Home Living

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
405 *The Laundry Project*	B	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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.
491 *It's My Home*	B	All 9 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Home Decorating and Design Day: completed project book, display (visuals and records), and interview
495 *Your First Home Away from Home*	A	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Home Decorating and Design Day: completed project book, display (visuals and records), and interview

Leadership and Citizenship

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
370 *Mentoring: Leadership in Action*	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
371 *Club Leadership 1*	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project book, display, and interview
372 *Diversity: The Source of Our Strength*	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project book, display, and interview
373 *My Hands to Larger Service: Teen Leaders Building Our Communities*	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: iPad with completed project book, display, and interview
376 *Pantry Panic!*	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project book, display, and interview
378M *Leadership Master*	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project record, display, and interview
383 *Club Leadership 2*	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Leadership Day: completed project record, display, and interview

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

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

Money Management

445 *Becoming Money Wise*	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 *(Use the same book 1-2 years.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Family Life Day: completed project book, display and interview
448 *Teens . . . On the Road to Financial Success*	A	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Family Life Day: completed project book, display and interview

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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources 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.
671 *How Does Your Garden Grow?*	B	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was 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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
691 *Grow Your Own Vegetables*	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
The Natural World				
611 *Explore the Outdoors*	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources 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.
612 *Geology: Can You Dig It?*	B	All 8 activities (including a collection display) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
617 *Exploring Ponds*	A	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
620 *Why Trees Matter*	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources 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.
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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
623 *Outdoor Adventurer: Beginning Fishing*	B	All 8 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
641 *Beekeeping Project and Record Book*	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview
644 *Insect Adventures 1*	B	All 7 activities, including an insect collection (30 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources 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.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Natural Resources Day: completed project book, display, and interview

Shooting Sports

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
630 *Safe Use of Guns*	B	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: 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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: 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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: completed project book, display, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: 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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: 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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: 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 previously completed rifle, pistol, or shotgun project is strongly recommended	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: completed project book, display, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	Shooting Sports Day: completed project book, display, and interview

Science, Technology, Engineering, and Math (STEM)

Aerospace Science

501 *Rockets Away* (2-Liter Bottle Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a 2-liter bottle rocket Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
503 *Rockets Away* (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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
503M *Solid-Fuel Rocketry Master*	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview

All-Terrain Vehicles (ATV)

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	No state fair event

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Bicycle				
517 ***Bicycling for Fun, Level 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 *(Use the same book 1-2 years.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	No state fair event
Chemistry				
493 ***Science Fun with Kitchen Chemistry***	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
Electricity				
527 ***Magic of Electricity, Level 1***	B	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
530 *Entering Electronics, Level 4*	A	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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
531 *Science Fun with Electricity*	B	All interest areas Experiments and journals for each interest area At least 2 project activities At least 2 leadership/citizenship activities Project summary	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview

Energy

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview

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

2/14/23, page 39

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Food Science				
490 ***Science Fun with Dairy Foods: The Case of the Missing Milk***	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
Knots				
540 ***Not Just Knots***	X	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
Physics				
500 ***Science Fun with Physics***	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	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

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
541 **Crank It Up, Level 1**	B	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide *(Use the same book 1-3 years.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
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.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
543 **Tune It Up, Level 3**	A	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide *(Use the same book 1-3 years.)*	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview
544 **Ready, Set, . . . Mow!**	A	All 13 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned	STEM Day: completed project book, display, and interview

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Tractor and Machinery Operation				
551 *Starting Up: Getting to Know Your Tractor, Level A*	B	Complete all activities	See column to the left. Attend county project presentation day (optional); Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
552 *Tractor Operations: Gearing Up for Safety, Level B*	I	Complete all activities	See column to the left. Attend county project presentation day (optional); Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
553 *Moving Out: Learning About Your Tractor and Farm Machinery, Level C*	I	Complete all activities	See column to the left. Attend county project presentation day (optional); Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
554 *Learning More: Learning About Agricultural Tractors and Equipment, Level D*	A	Complete all activities	See column to the left. Attend county project presentation day (optional); Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, etc.) that shows what was learned.	Engineering—Welding Day: completed project book, and welding project NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).
Woodworking				
556 *Measuring Up, Level 1*	B	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.)*	See column to the left. Attend county project presentation day (optional) Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Note: contact the Extension Office for a list of allowable tools.	Woodworking Day: completed project book, project made at home, and interview NOTE: See the State Fair Guidebook for list of allowable tools.
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.)*	See column to the left. Attend county project presentation day (optional) Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Note: contact the Extension Office for a list of allowable tools.	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.
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.)*	See column to the left. Attend county project presentation day (optional) Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Note: contact the Extension Office for a list of allowable tools.	Woodworking Day: completed project book, project made at home, and interview NOTE: See the State Fair Guidebook for list of allowable tools.
559 *Finishing Up, Level 4*	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.)*	See column to the left. Attend county project presentation day (optional) Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Note: contact the Extension Office for a list of allowable tools.	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	See column to the left. Attend county project presentation day (optional) Completed project book Display (scrapbook, poster, etc.) that shows what was learned. Note: contact the Extension Office for a list of allowable tools.	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.

Self-Determined

Project Number and Name	Skill Level*	Project Completion Requirements	County Requirements	State Fair Requirements
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned No Live Animals should be brought to judging.	Companion Animal Day
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	Creative Arts Day I: completed project book, display (representing their learning experience), 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.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	Family Life Day: completed project book, display, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book and quilt	Quilt Day: completed project book, quilt, and interview
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	Workforce Preparation Day: display; including resume, appropriate attire; and interview

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

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.

Workforce Preparation

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.
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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	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	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	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!*	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	See column to the left. Attend county project presentation day (optional); Completed project book Display (scrapbook, poster, table top display, etc.) that shows what was learned	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

* 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.