

# 2024 Project Completion and Fair Requirements

11/14/2023

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

91 <i>Discovering 4-H</i>	B	All activities in 9 interest areas Project summary	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	No state fair event
92 <i>4-H Around the Globe</i>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Family Life Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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## Animal Sciences

Beef				
117 <b>Beef Project and Record Book</b> (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)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a "Breeding Animal Registration Form" to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
Companion Animals and Rabbits				
200 <b>All About Dogs</b>	B	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Companion Animal Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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201 <b>Dog Project and Record Book</b> (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)	Participate in General Project Judging, complete project book and bring at least one item to display for judging.  Participate in Dog Show preceding the Fair. Complete project book and any necessary items for your project.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://ohio4h.org/animalsciences/dog/">ohio4h.org/animalsciences/dog/</a>
202 <b>Dog Achievement Program</b>	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 <a href="http://ohio4h.org/DAP">ohio4h.org/DAP</a> .	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://ohio4h.org/animalsciences/dog/">ohio4h.org/animalsciences/dog/</a>
210 <b>Assistance Animals in Action</b>	I	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Companion Animal Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
215 <b>Cavy Project and Record Book</b>	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)	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Companion Animal Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
216 <b>Purr-fect Pals, Level 1</b>	B	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Companion Animal Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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217 <i>Climbing Up!</i> <b>Level 2</b>	I	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Companion Animal Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
218 <i>Leaping Forward,</i> <b>Level 3</b>	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Companion Animal Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
220 <i>Pocket Pets Project and Record Book</i>	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Companion Animal Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
228 <i>Rabbit Project and Record Book</i> (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)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a "Breeding Animal Registration Form" to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a>

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230 <b>4-H PetPALS Project and Record Book</b>	X	Project animal by required date Project Goals and Objectives At least 2 project experiences Other animal project records County project judging (may be optional) Must be enrolled in a PetPALS program under the direction of a master 4-H PetPALS leader	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://ohio4h.org/animalsciences/dog/">ohio4h.org/animalsciences/dog/</a>
<b>Dairy Cattle</b>				
127 <b>Dairy Cattle Project and Record Book</b> (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)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a “Breeding Animal Registration Form” to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a>

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<b>Goats</b>				
135 <b>Goat Project and Record Book</b> (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)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a "Breeding Animal Registration Form" to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a>
<b>Horses</b>				
173 <b>Horseless Horse</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	No state fair event

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174 <b>Beginning Horse Management</b>	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	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>
175 <b>Light Horse Selection</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities Questions on pages 55-57 Complete the judging description of your horse Completed 190R <i>Equine Record Book</i> One-page report	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a> .
177 <b>Horse Training: How to Talk to Your Horse</b>	I	Project horse required by deadline Appropriate helmet and other equipment Completed 190R <i>Equine Record Book</i>	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a> .

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180 <i>Learning to Jump</i>	I	Project horse required by deadline Appropriate helmet and other equipment All 3 project areas At least 5 activities in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities One-page summary Complete 190R <i>Equine Record Book</i>	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>
181 <i>Draft Horses</i>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Interest areas 1-5 and 7 (new members) Interest areas 2-7 (returning members) Things to Do in each interest area At least 2 learning opportunities At least 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>
182 <i>Small Equine</i>	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 <i>Equine Record Book</i> One-page summary	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>

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184 <b>Standardbred Horse</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Explore all interest areas At least 2 Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>
186 <b>Gymkhana</b>	I	Project horse required by deadline Appropriate helmet and other equipment Project Areas 1-3 At least 2 learning experiences At least 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>
187 <b>Roping</b>	X	Project horse required by deadline Appropriate helmet and other equipment First year: complete activities 1-4 Year 2 and beyond: Complete activities 1-4, plus 2 additional activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>

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188 <b>Trail Riding</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>
189 <b>Dressage</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section New members explore interest areas 1-4 and first year Completion of project activities Repeating members complete Completion of Project activities All of the Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page report	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Horses at mandatory Horse Check-in.  EquiStep program for all horse program participants.	Must participate in a dressage competition and meet scoring requirements Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://horse.osu.edu">horse.osu.edu</a>

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<b>Llamas and Alpacas</b>				
132 <b><i>Llama and Alpaca Project and Record Book</i></b>	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)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a "Breeding Animal Registration Form" to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See "Open Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a>

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<b>Poultry</b>				
<p>150 <b>Poultry Project and Record Book</b> (for exhibition and market chicken, duck, goose, turkey; chicken, egg production: hens and pullet; and helmeted guinea fowl projects)</p>	<p>X</p>	<p>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)</p>	<p>Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.</p> <p>Register Market Animals at appropriate Check-In/Weigh-In.</p> <p>Complete Livestock Quality Assurance.</p> <p>Register Breeding Animals by submitting a “Breeding Animal Registration Form” to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a></p> <p>Market Chickens, Ducks, and Turkeys must be purchased through the Extension Office in the Spring. Complete Livestock Quality Assurance and appropriate sections of project book.</p> <p>Breeding Poultry must be brought to Pullorum Testing in June.</p>	<p>See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a>. See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a></p>

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<b>Sheep</b>				
198 <b>Market Lamb Project and Record Book</b>	X	Project animal by required date All activities Club or county level project review County project judging (may be optional)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a "Breeding Animal Registration Form" to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a>

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199 <b><i>Sheep Breeding Project and Record Book</i></b>	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)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a "Breeding Animal Registration Form" to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a>

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Swine</b>				
139 <b>Market Hog Project and Record Book</b>	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)	Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Register Market Animals at appropriate Check-In/Weigh-In.  Complete Livestock Quality Assurance.  Register Breeding Animals by submitting a "Breeding Animal Registration Form" to the Extension Office by June 15. Forms available at <a href="http://Jackson.osu.edu">Jackson.osu.edu</a>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
140 <b>Swine Breeding Project and Record Book</b>	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)	<b>NOT SHOWN AT COUNTY FAIR</b>  Participate in Livestock Project Judging, complete project book and bring at least one item to display for judging.  Complete Livestock Quality Assurance.	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Veterinary Science</b>				
244 <i>From Airedales to Zebras, Level 1</i>	B	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Veterinary Science Day <a href="https://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
245 <i>All Systems Go! Level 2</i>	I	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Veterinary Science Day <a href="https://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
246 <i>On the Cutting Edge, Level 3</i>	A	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Veterinary Science Day <a href="https://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

## Career Exploration

382 <i>Am I Ready for Work?</i>	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Workforce Preparation Day <a href="https://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
386 <i>You're Hired!</i>	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Workforce Preparation Day <a href="https://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

\* 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.
387 <i>Here, There, Ag Careers Are Everywhere!</i>	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Workforce Preparation Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

## Clothing and Textile Science

407 <i>Accessories for Teens</i>	B, ages 13+	All 4 interest areas At least 1 additional 4-H activity At least 1 leadership/citizenship experience Wardrobe evaluation and accessories to complement at least 1 outfit At least 1 accessory: bag/purse, belt/cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders to complete the appearance of an outfit Project record and evaluation	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
409 <i>Sew Fun!</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A pin cushion and fully elastic-waisted skirt, shorts, pants, or capris Project review	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
410 <i>Designed by Me</i>	B	All 8 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Decorate (or embellish) a T-shirt, sweatshirt, button-down shirt, or simple jacket Project review Project record (if any materials purchased)	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

\* 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 <i>Sundresses and Jumpers</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
419 <i>Terrific Tops</i>	B	All 8 activities, including Talking It over questions At least 2 learning experiences At least 2 leadership/citizenship activities A top that is part of a complete outfit Project review	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
411 <i>em•bel•lish: A 4-H Guide to Wearable Art</i>	I	All 10 activities and 3 journal pages At least one embellished garment At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
412 <i>Sew for Others</i>	I	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Construct one complete outfit for the person of your choice OR adapt three different garments for someone with a disability	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

\* 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 <i>See the 4-H State Fair Guidebook for complete details for non-livestock projects.</i>
415 <b>Ready, Set, Sew Active!</b>	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	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
418 <b>Loungewear</b>	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	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
424 <b>Clothing for Middle School</b>	I, ages 10-14	All 5 interest areas At least 1 garment with sleeves <b>or</b> a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience. Project evaluation and project summary	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
430 <b>Shopping Savvy</b>	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

\* 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.
406 <b><i>Clothes for High School and College</i></b>	A	All 5 major areas At least 2 additional organized activities At least 2 leadership/citizenship activities A wardrobe inventory At least 1 outfit with a minimum of 2 pieces or a 1-piece garment with sleeves, plus some other style detail not tried before Repair at least 3 items from your wardrobe Project summary	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
408 <b><i>Creative Costumes</i></b>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A costume from one of these categories: historical, ethnic/cultural, theatrical, or special interest Project record and evaluation summary	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
417 <b><i>Dress-Up Outfit</i></b>	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	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
420 <b><i>Outerwear for Anywhere</i></b>	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	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements <i>See the 4-H State Fair Guidebook for complete details for non-livestock projects.</i>
425 <b>Look Great for Less</b>	A, ages 15-18	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An inexpensive outfit Project record, summary, and evaluation	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
426 <b>Clothing for Your Career</b>	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	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	Clothing Days <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
432M <b>Sewing and Textiles (non-Clothing) Master</b>	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	Participate in clothing Judging, complete project book, bring clothing project items to display for judging, and be prepared to model the project items with a complete outfit for the style review.	No state fair event

## Communication

377 <b>Finding Your Voice: Public Speaking Made Easy</b>	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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## Creative and Leisure Arts

Cake Decorating				
492 <i>Cake Decorating Project and Record book</i>	X	At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Record of decorating skills and techniques Project and cake records Project summary and review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Creative Arts Day II <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
Collecting				
496 <i>My Favorite Things</i>	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Creative Arts Day I <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
Fine Arts				
498 <i>Quilting the Best Better</i>	I	All 8 activities and all Quilting Quotes questions At least 2 learning experiences At least 2 leadership/citizenship activities Quilt blocks, a pillow to be donated, and a lap quilt (minimum 30" x 30" and maximum 54" x 72") Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Quilt Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
499 <i>You Can Quilt!</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Construct a Rail Fence or Four Patch mini-quilt Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Quilt Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
592 <b>Get Started in Art</b>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Creative Arts Day I <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
593 <b>Seeing Through Graphic Design</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Creative Arts Day I <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Genealogy</b>				
442 <b>Family History Treasure Hunt</b>	X	All 4 steps in What to Do, depending on number of years project is taken At least 1 other learning experience At least 1 leadership/citizenship activity Project review and records <i>(Use the same book 1-6 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Family Life Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Photography</b>				
584 <b>Photography Basics, Book 1</b>	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 <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and display (single mounted print, prints that tell a “photo story,” or prints that illustrate an activity)	Photography Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
585 <b>Next Level Photography, Book 2</b>	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 <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and display (single mounted print, prints that tell a “photo story,” prints that illustrate an activity, or single print with the news story it illustrates).	Photography Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
586 <i>Mastering Photography, Book 3</i>	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.)	Participate in General Project Judging, complete project book and display (single mounted print, prints that tell a “photo story,” prints that illustrate an activity, or single print with the news story it illustrates)	Photography Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
589M <i>Photography Master</i>	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	Participate in General Project Judging, complete project book and 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.	Photography Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Scrapbooking</b>				
497 <i>Scrapbooking: A 4-H Guide to Preserving Memories</i>	B	All 3 project areas (the last activity is optional) At least 2 learning experiences At least 2 leadership/citizenship activities A scrapbook Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Creative Arts Day I <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Writing</b>				
588 <i>The Writer in You</i>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	No state fair event

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

459 <b>Let's Start Cooking</b>	B	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
463 <b>Sports Nutrition: Ready, Set, Go</b>	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	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
481 <b>Everyday Food and Fitness</b>	B	All 7 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
484 <b>Snack Attack!</b>	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

\* 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.
487 <b>Take a Break for Breakfast</b>	B	All 5 activities, including at least 5 recipes At least 2 learning experiences and 2 leadership/citizenship/career activities Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
461 <b>Let's Bake Quick Breads</b>	I	All 8 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
467 <b>Cooking on My Own</b>	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
472 <b>Grill Master</b>	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	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
474 <i>Beyond the Grill</i>	A	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
475 <i>Star Spangled Foods</i>	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
477 <i>Party Planner: A 4-H Guide to Quantity Cooking</i>	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
485 <i>Racing the Clock to Awesome Meals</i>	I	All 7 activities, including 1 recipe and the Notes for Next Time for each activity At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements <i>See the 4-H State Fair Guidebook for complete details for non-livestock projects.</i>
462 <b>Yeast Breads on the Rise</b>	A	All 5 interest areas, including at least 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project record and summary <i>(Use the same book 1-2 years.)</i>	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
469 <b>Global Gourmet</b>	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	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
476 <b>Kitchen Boss</b>	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship/career activity Project review	Participate in Food and Nutrition Judging, complete project book and bring project presentation portfolio. No place setting or prepared dish is required. Follow State Fair Guidelines.	Food and Nutrition Days: three-pronged folder with completed "Portfolio" <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

## Healthy Living

300 <b>You're the Athlete</b>	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)	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
351 <i>Staying Healthy</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
353 <i>First Aid in Action</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
354 <i>Medicine Science and Safety</i>	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
355 <i>Tracking Your Health and Fitness</i>	I	All 10 activities, all Talking It Over questions, and a health and fitness log At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
356 <i>Relationships 101</i>	I	All 10 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
357 <i>Alcohol and Drug Abuse</i>	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
358 <i>The Truth About Tobacco</i>	A	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
359 <i>Your Thoughts Matter</i>	A	All 10 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
360 <i>Your Feelings Matter</i>	B	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
434 <i>Superhero You</i>	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Health Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

## Home Living

405 <i>The Laundry Project</i>	B	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Home Decorating and Design Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
491 <i>It's My Home</i>	B	All 9 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Home Decorating and Design Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
494 <i>Makeover My Space</i>	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Home Decorating and Design Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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<b>Project Number and Name</b>	<b>Skill Level*</b>	<b>Project Completion Requirements</b> See each project book for complete details.	<b>County Requirements</b>	<b>State Fair Requirements</b> <i>See the 4-H State Fair Guidebook for complete details for non-livestock projects.</i>
495 <b><i>Your First Home Away from Home</i></b>	A	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Home Decorating and Design Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

## Leadership and Citizenship

370 <b><i>Mentoring: Leadership in Action</i></b>	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
371 <b><i>Club Leadership 1</i></b>	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
372 <b><i>Diversity: The Source of Our Strength</i></b>	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
373 <b><i>My Hands to Larger Service: Teen Leaders Building Our Communities</i></b>	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
374 <b><i>Teens on Board</i></b>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
375 <i>Leadership Road Trip: Where Are You Going?</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
375i <i>Leadership Road Trip iBook</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
376 <i>Pantry Panic!</i>	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
378M <i>Leadership Master</i>	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
383 <i>Club Leadership 2</i>	A	All 11 activities and Talking It Over questions At least 3 individual goals or additional activities At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Leadership Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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

445 <b><i>Becoming Money Wise</i></b>	B	Level I All 11 Making \$ense and all 5 Money Talk activities As many additional More Making \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities Level II All 12 Resource \$ense and 3 Resource Talk activities As many additional More Resource \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities A money journal <i>(Use the same book 1-2 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Family Life Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
448 <b><i>Teens . . . On the Road to Financial Success</i></b>	A	All 11 activities for Year 1 and for Year 2 At least 2 organized activities At least 2 leadership/citizenship activities <i>(Use the same book 1-2 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Family Life Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

## Natural Resources

### Gardening and Plant Science

670 <b><i>Canning and Freezing</i></b>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
671 <i>How Does Your Garden Grow?</i>	B	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
673 <i>Edible Landscapes</i>	I	All 9 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
691 <i>Grow Your Own Vegetables</i>	B	All 11 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
692 <i>Growing with the Seasons</i>	I	All 9 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>The Natural World</b>				
611 <i>Explore the Outdoors</i>	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
612 <i>Geology: Can You Dig It?</i>	B	All 8 activities (including a collection display) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
613 <i>Exploring Polar Science</i>	I	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
617 <i>Exploring Ponds</i>	A	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
620 <i>Why Trees Matter</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
621 <i>Ohio Birds</i>	X	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Observe and record at least 20 different bird species One-page summary <i>(Use the same book 1-2 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
622 <i>Trapping Muskrats in Ohio</i>	I	All 7 activities At least 3 learning experiences At least 3 leadership/citizenship activities 2 of 3 projects for first year; 2 of 3 projects for second year A poster board <i>(Use the same book 1-2 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
623 <i>Outdoor Adventurer: Beginning Fishing</i>	B	All 8 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
624 <i>Outdoor Adventurer: Intermediate Fishing</i>	I	All 11 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

\* 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.
641 <b>Beekeeping Project and Record Book</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
644 <b>Insect Adventures 1</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
645 <b>Insect Adventures 2</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
646 <b>Insect Adventures 3</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Natural Resources Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Shooting Sports</b>				
630 <b>Safe Use of Guns</b>	B	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
631 <b>Basic Archery</b>	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

\* 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 <i>See the 4-H State Fair Guidebook for complete details for non-livestock projects.</i>
750 <b>Rifle Member Record Book</b>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified rifle instructor	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
751 <b>Archery Member Record Book</b>	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	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
752 <b>Shotgun Member Record Book</b>	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	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
753 <b>Pistol Member Record Book</b>	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	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
754 <b>Hunting and Wildlife Member Record Book</b>	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	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
755 <i>Muzzleloader Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified muzzleloader instructor; a previously completed rifle, pistol, or shotgun project is strongly recommended	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
756 <i>Living History Member Record Book</i>	X	All project book activities, including planning, setting goals, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified shooting sports living history instructor	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
757 <i>Crossbow Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified crossbow instructor	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
758 <i>Western Heritage Project: Youth Activity Guide 1-3</i>	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	<b>NO COUNTY PROGRAM OFFERED</b>	Shooting Sports Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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

Aerospace Science				
501 <b>Rockets Away</b> (2-Liter Bottle Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a 2-liter bottle rocket Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
502 <b>Science Fun with Flight</b>	B, ages 9-14	All 7 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Build a glider or flyer, or a plastic model airplane or jet Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
503 <b>Rockets Away</b> (Solid-Fuel Model Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a solid-fuel model rocket from a kit Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
503M <b>Solid-Fuel Rocketry Master</b>	A	One major solid-fuel rocketry project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
All-Terrain Vehicles (ATV)				
555 <b>ATV Safety</b>	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Bicycle</b>				
517 <i>Bicycling for Fun, Level I</i>	B	At least 7 activities per year Complete the Bicycling for Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections <i>(Use the same book 1-2 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	No state fair event
518 <i>Wheels in Motion, Level 2</i>	I	At least 7 activities per year Complete the Bicycling for Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections <i>(Use the same book 1-2 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	No state fair event
<b>Chemistry</b>				
493 <i>Science Fun with Kitchen Chemistry</i>	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Electricity</b>				
527 <i>Magic of Electricity, Level 1</i>	B	At least 7 activities per year (3 main activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
528 <i>Investigating Electricity, Level 2</i>	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
531 <i>Science Fun with Electricity</i>	B	All interest areas Experiments and journals for each interest area At least 2 project activities At least 2 leadership/citizenship activities Project summary	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Energy</b>				
550 <i>Young Engineers in Solar Energy</i>	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Food Science</b>				
490 <i>Science Fun with Dairy Foods: The Case of the Missing Milk</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Knots</b>				
540 <i>Not Just Knots</i>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Physics</b>				
500 <i>Science Fun with Physics</i>	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Robotics</b>				
509 <b>Robotics Essentials</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
512M <b>Robotics Master</b>	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
<b>Small Engines and Lawn Care</b>				
541 <b>Crank It Up, Level 1</b>	B	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
542 <b>Warm It Up, Level 2</b>	I	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
543 <b>Tune It Up, Level 3</b>	A	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>
544 <b>Ready, Set, . . . Mow!</b>	A	All 13 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	STEM Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements <i>See the 4-H State Fair Guidebook for complete details for non-livestock projects.</i>
<b>Tractor and Machinery Operation</b>				
551 <b><i>Starting Up: Getting to Know Your Tractor, Level A</i></b>	B	Complete all activities	Participate in General Project Judging, complete project book and bring at least one item to display for judging.  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
552 <b><i>Tractor Operations: Gearing Up for Safety, Level B</i></b>	I	Complete all activities	Participate in General Project Judging, complete project book and bring at least one item to display for judging.  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
553 <b><i>Moving Out: Learning About Your Tractor and Farm Machinery, Level C</i></b>	I	Complete all activities	Participate in General Project Judging, complete project book and bring at least one item to display for judging.  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
554 <b>Learning More: Learning About Agricultural Tractors and Equipment, Level D</b>	A	Complete all activities	Participate in General Project Judging, complete project book and bring at least one item to display for judging.  Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	No state fair event
<b>Welding</b>				
573 <b>Arcs and Sparks</b>	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	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Engineering—Welding Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a> NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).
<b>Woodworking</b>				
556 <b>Measuring Up, Level 1</b>	B	At least 7 activities per year for up to three years At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Woodworking Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a> NOTE: See the State Fair Guidebook for list of allowable tools.
557 <b>Making the Cut, Level 2</b>	I	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Woodworking Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a> NOTE: See the State Fair Guidebook for list of allowable tools.

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
558 <i>Nailing It Together, Level 3</i>	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Woodworking Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a> NOTE: See the State Fair Guidebook for list of allowable tools.
559 <i>Finishing Up, Level 4</i>	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Woodworking Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a> NOTE: See the State Fair Guidebook for list of allowable tools.
560M <i>Woodworking Master</i>	A	One major woodworking project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Woodworking Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a> NOTE: See the State Fair Guidebook for list of allowable tools.

## Self-Determined

365 <i>Self-Determined</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary	Participate in General Project Judging, complete project book and bring at least one item to display for judging.	Self-Determined Day <a href="http://ohio4h.org/nonlivestockguidebook">ohio4h.org/nonlivestockguidebook</a>  <b>NOTE: Requirements may be different for self-determined projects that go to state fair on other days.</b>
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