| **Project Number**  **and Name** | | **Skill Level\*** | | | **Project Completion Requirements**  See each project book for complete details. | **What to bring to Hardin County Judging** | | | | **State Fair Requirements**  See the 4-H State Fair Guidebook  for complete details for non-livestock projects. | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| About 4-H | | | | | | | | | | | | | | | |
| 91 *Discovering 4‑H* | | B | | | All activities in 9 interest areas  Project summary | Completed project book  Poster or visual display | | | | No state fair event | | | | |
| Animal Sciences | | | | | | | | | | | | | | | |
| Beef | | | | | | | | | | | | | | | |
| 117 ***Beef Project and Record Book*** (for beef breeding, beef feeder, dairy feeder, and market beef projects) | | X | | | Project animal by required date  Project goals and objectives  Member Project Guide, Quality Assurance, and Animal Records sections  At least 1 topic of interest  At least 5 learning activities  At least 2 learning experiences  At least 2 leadership/citizenship activities.  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com/).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| Companion Animals and Rabbits | | | | | | | | | | | | | | | |
| 200 ***All About Dogs*** | | B | | | All 8 activities and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book.  Display – poster or other visual display  Do not bring animal to judging. | | | | Companion Animal Day | | | | |
| 201 ***Dog Project and Record Book*** (for pet, obedience, showmanship, performance and working dog projects) | | X | | | Project animal by required date  Project goals  Member Project Guide, Dog Care and Welfare, and Animal Records sections  Club or county level project review  County project judging (may be optional) | Completed project book.  Display – poster or other visual display  Do not bring animal to judging. | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 202 ***Dog Achievement Program*** | | X | | | To earn a certificate, choose 3 topic areas within one category and complete all 5 activities with each selected topic area, for a total of 15 activities. For more details, see project book or [ohio4h.org/DAP](http://www.ohio4h.org/DAP). | Completed project book.  Display – poster or other visual display  Do not bring animal to judging. | | | |  | | | | |
| 215 ***Cavy Project and Record Book*** | | X | | | Project animal by required date  Project goals and objectives  Member Project Guide, animal care and welfare activities, and animal records  At least 5 of the learning activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  County project judging (may be optional) | Completed project book.  Display – poster or other visual display | | | | Companion Animal Day | | | | |
| 216 ***Purr-fect Pals, Level 1*** | | B | | | Cat-a-logue Your Knowledge evaluation, before and after project  At least 7 activities each year | Completed project book.  Display – poster or other visual display | | | | Companion Animal Day | | | | |
| 217 ***Climbing Up! Level 2*** | | I | | | Cat-a-logue Your Knowledge evaluation, before and after project  At least 7 activities each year | Completed project book.  Display – poster or other visual display | | | | Companion Animal Day | | | | |
| 218 ***Leaping Forward, Level 3*** | | A | | | Cat-a-logue Your Knowledge evaluation, before and after project  At least 7 activities each year | Completed project book.  Display – poster or other visual display | | | | Companion Animal Day | | | | |
| 220 ***Pocket Pets Project and Record Book*** | | X | | | Project animal by required date  Project goals and objectives  Member Project Guide, animal care and welfare activities, and animal records  At least 5 of the learning activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  County project judging (may be optional) | Completed project book.  Display – poster or other visual display | | | | Companion Animal Day | | | | |
| 225 ***Breeding Rabbit Project and Record Book*** | | X | | | Project animal by required date  At least 1 topic of Interest  At least 5 activities  At least 2 project experiences  At least 2 leadership/citizenship activities  Quality Assurance and Rabbit Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 226 ***Market Rabbit Project and Record Book*** | | X | | | Project animal by required date  At least 1 topics of interest  At least 5 activities  At least 2 project experiences  At least 2 leadership/citizenship activities  Quality Assurance and Rabbit Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 227 ***Pet Rabbit Project and Record Book*** | | X | | | Project animal by required date  At least 1 topic of interest  At least 8 activities  At least 2 project experiences  At least 2 leadership/citizenship activities  Quality Assurance and Rabbit Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Companion Animal Day | | | | |
| 230 ***4-H PetPALS Project and Record Book*** | | X | | | Project animal by required date  Project Goals and Objectives  At least 2 project experiences  Other animal project records  County project judging (may be optional)  Must be enrolled in a PetPALS program under the direction of a master 4-H PetPALS leader | PROJECT UNAVAILABLE IN HARDIN COUNTY | | | | Companion Animal Day | | | | |
| Dairy Cattle | | | | | | | | | | | | | | | |
| 122 ***Dairy Heifer Project and Record Book*** | | X | | | Project animal by required date  Member Project Guide, Quality Assurance, and Animal Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 126 ***Dairy Cow Project and Record Book*** | | X | | | Project animal by required date  Member Project Guide, Quality Assurance, and Animal Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| Goats | | | | | | | | | | | | | | | |
| 135 ***Goat Project and Record Book*** (for breeding, fiber, harness, market, pack, pygmy, and companion projects) | | X | | | Project animal by required date  Project goals and objectives  Member Project Guide, Quality Assurance, and Animal Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| Horses | | | | | | | | | | | | | | | |
| 173 ***Horseless Horse*** | | B | | | Planning Your Project section  At least 4 interest areas  All recommended activities in your selected interest areas  At least 2 organized activities  At least 2 leadership/citizenship activities  One-page report | Completed project book.  Display – poster or other visual display | | | | No state fair event | | | | |
| 174 ***Beginning Horse Management*** | | B | | | Project horse required by deadline  Appropriate helmet and other equipment  Planning Your Project section  All interest areas  At least 2 Things to Do in each interest area  At least 2 leadership/citizenship activities  Project record  One-page report | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 175 ***Light Horse Selection*** | | I | | | Project horse required by deadline  Appropriate helmet and other equipment  Planning Your Project section  All interest areas  At least 2 Things to Do in each interest area  At least 2 learning experiences  At least 2 leadership/citizenship activities  Questions on pages 55-57  Complete the judging description of your horse  Completed 190R *Equine Record Book*  One-page report | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 177 ***Horse Training: How to Talk to Your Horse*** | | I | | | Project horse required by deadline  Appropriate helmet and other equipment  Completed 190R *Equine Record Book* | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 180 ***Learning to Jump*** | | I | | | Project horse required by deadline  Appropriate helmet and other equipment  All 3 project areas  At least 5 activities in each interest area  At least 2 learning experiences  At least 2 leadership/citizenship activities  One-page summary  Complete 190R *Equine Record Book* | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 181 ***Draft Horses*** | | I | | | Project horse required by deadline  Appropriate helmet and other equipment  Planning Your Project section  Interest areas 1-5 and 7 (new members)  Interest areas 2-7 (returning members)  Things to Do in each interest area  At least 2 learning opportunities  At least 2 leadership/citizenship activities  Completed 190R *Equine Record Book*  One-page summary | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 184 ***Standardbred Horse*** | | I | | | Project horse required by deadline  Appropriate helmet and other equipment  Planning Your Project section  Explore all interest areas  At least 2 Things to Do  At least 2 project learning experiences and 2 leadership/citizenship activities  Completed 190R *Equine Record Book*  One-page summary | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 185 ***Equine Reproduction and Genetics*** | | A | | | Project horse required by deadline  Appropriate helmet and other equipment  Planning Your Project section  All 3 major interest areas  At least 3 Things to Do in each of your selected interest areas  At least 3 project learning activities and 3 leadership/citizenship activities  Completed 190R *Equine Record Book*  Project diary or scrapbook | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 188 ***Trail Riding*** | | I | | | Project horse required by deadline  Appropriate helmet and other equipment  Planning Your Project section  All interest areas  At least 2 Things to Do in each interest area  At least 2 project learning experiences and 2 leadership/citizenship activities  Completed 190R *Equine Record Book*  One-page summary | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 189 ***Dressage*** | | I | | | Project horse required by deadline  Appropriate helmet and other equipment  Planning Your Project section  New members explore interest areas 1-4 and first year Completion of project activities  Repeating members complete Completion of Project activities  All of the Things to Do  At least 2 project learning experiences and 2 leadership/citizenship activities  Completed 190R *Equine Record Book*  One-page report | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must participate in a dressage competition and meet scoring requirements  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| 762 ***Horse Nutrition*** | | A | | | Project horse required by deadline  Appropriate helmet and other equipment  Completed 190R *Equine Record Book* | Horse Safety Program for first-time program participants  See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | Must qualify at PAS show.  Must follow *Uniform Rules for 4-H Horse Shows*  See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | | |
| **Llamas and Alpacas** | | | | | | | | | | | | | | | |
| 132 ***Llama and Alpaca Project and Record Book*** | | X | | | Project animal by required date  Project Goals and Objectives  Member Project Guide, Animal Care and Welfare, and Animal Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | See “Open Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com) | | | | |
| Poultry | | | | | | | | | | | | | | | |
| 150 ***Poultry Project and Record Book*** (for exhibition and market chicken, duck, goose, turkey; chicken, egg production: hens and pullet; and helmeted guinea fowl projects) | | X | | | Project animal by required date  Project goals and objectives  Member Project Guide, Quality Assurance, and Animal Records sections  Club or county level project review  County project judging (may be optional) | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | |
| Sheep | | | | | | | | | | | | | | | |
| 198 ***Market Lamb Project and Record Book*** | X | | Project animal by required date  All activities  Club or county level project review  County project judging (may be optional) | | | | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | |
| 199 ***Sheep Breeding Project and Record Book*** | X | | Project animal by required date  At least 1 topic of interest  At least 5 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Quality Assurance and Animal Records sections  Club or county level project review  County project judging (optional) | | | | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | |
| Swine | | | | | | | | | | | | | | | |
| 139 ***Market Hog Project and Record Book*** | X | | Project animal by required date  At least 1 topic of interest  At least 5 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Quality Assurance and Animal Records sections  Club or county level project review  County project judging (optional) | | | | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | |
| 140 ***Swine Breeding Project and Record Book*** | X | | Project animal by required date  At least 1 topic of interest  At least 5 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Quality Assurance and Animal Records sections  Club or county level project review  County project judging (optional) | | | | See “Livestock Project Completion Checklist” on hardin.osu.edu | | | | | See “Jr. Livestock” events under the Competitions tab at [ohiostatefair.com](http://www.ohiostatefair.com).  See also [4hansci.osu.edu](http://4hansci.osu.edu). | | | |
| Veterinary Science | | | | | | | | | | | | | | | |
| 244 ***From Airedales to Zebras, Level 1*** | B | | Set goals and record project highlights  At least seven activities each year  At least 21 of the activities in three years  Complete the “Whaddya Know?” survey before and after activities  Project evaluation | | | | Completed project book  A display representing your learning experience of the current project. | | | | | STEM Day: completed project book, display, and interview | | | |
| 245 ***All Systems Go! Level 2*** | I | | Set goals and record project highlights  At least seven activities each year  At least 21 of the activities in three years  Complete the “Whaddya Know?” survey before and after activities  Project evaluation | | | | Completed project book  A display representing your learning experience of the current project. | | | | | STEM Day: completed project book, display, and interview | | | |
| 246 ***On the Cutting Edge, Level 3*** | | A | | | Set goals and record project highlights  At least seven activities each year  At least 21 of the activities in three years  Complete the “Whaddya Know?” survey before and after activities  Project evaluation | Completed project book  A display representing your learning experience of the current project. | | | | STEM Day: completed project book, display, and interview | | | |
| Clothing and Textile Science | | | | | | | | | | | | | | | |
| 409 ***Sew Fun!*** | | B | | | All 5 project areas  At least 2 learning experiences  At least 2 leadership/citizenship activities  A pin cushion and fully elastic-waisted skirt, shorts, pants, or capris  Project review | Completed Project book  Wear the garment you made with fully elastic-waist  Pin cushion and sewing box are optional for judging  Pattern | | | | Clothing Days: completed project book and fully elastic-waisted skirt, shorts, pants, or capris | | | | |
| 410 Designed by Me | | B | | | All 8 activities, including Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Decorate (or embellish) a T-shirt, sweatshirt, button-down shirt, or simple jacket  Project review  Project record (if any materials purchased) | Completed project book  Wear your decorated t-shirt or sweatshirt with the completed outfit you assembled for a total look. | | | | Clothing Days: completed project book and outfit | | | | |
| 411 em•bel•lish:  A 4-H Guide to Wearable Art | | I | | | All 10 activities and 3 journal pages  At least one embellished garment  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Bring the previously made garment or ready-to-wear garment selected from your wardrobe or a ready- to-wear garment that you embellished. Select other garments and accessories for a total look outfit. Bring completed activities, *Talking it Over* pages and completed notebook with at least 3 samples of embellishment techniques you tried, including the technique you used on the garment you selected. | | | | Clothing Days: completed project book and embellishment(s) on at least one garment | | | | |
| 413 Sundresses and Jumpers | | B | | | All 5 project areas  At least 2 learning experiences  At least 2 leadership/citizenship activities  A sundress or jumper  Project review | Completed project book  Wear the sundress or jumper you constructed with accessories for the total look.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 419 Terrific Tops | | B | | | All 8 activities, including Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  A top that is part of a complete outfit  Project Review | Completed project book  Wear the top you constructed with accessories for the total look.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 424 Clothing for Middle School | | I, ages 10-14 | | | All 5 interest areas  At least 1 garment with sleeves **or** a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves  At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience.  Project evaluation and project summary | Completed project book  Wear the garment you constructed (garment with sleeves or a two-piece garment) and accessories for the total look.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 406 Clothes for High School and College | | A | | | All 5 major areas  At least 2 additional organized activities  At least 2 leadership/citizenship activities  A wardrobe inventory  At least 1 outfit with a minimum of 2 pieces or a 1-piece garment with sleeves, plus some other style detail not tried before  Repair at least 3 items from your wardrobe  Project summary | Completed project book  Wear the garment you constructed (minimum of two pieces or a one-piece garment with sleeves plus some other style detail not tried before).  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 407 Accessories for Teens | | B, ages 13+ | | | All 4 interest areas  At least 1 additional 4-H activity  At least 1 leadership/citizenship experience  Wardrobe evaluation and accessories to complement at least 1 outfit  At least 1 accessory: bag/purse, belt/cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders to complete the appearance of an outfit  Project record and evaluation | Completed Project Book  Wear at least one accessory you made with the outfit for which it was designed.  Pattern (if applicable) | | | | Clothing Days: completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for) | | | | |
| 420 Outerwear for Anywhere | | A | | | All 4 projects areas and activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  An advanced-level outer garment, such as a coat, jacket, raincoat, cape, or other similar outer garment, and add other clothing accessories for a total look.  Project summary and project review | Completed project book  Wear outer garment constructed and accessories for the total look. Outfit components may not be used in another state fair clothing project.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 425 Look Great for Less | | A, ages 15-18 | | | All 5 interest areas  At least 1 learning experience  At least 1 leadership/citizenship activity  An inexpensive outfit  Project record, summary, and evaluation | Completed project book  Wear the “total look” outfit you put together as inexpensively as possible. The total look includes clothing, accessories, jewelry, shoes, etc. It is acceptable to use an item or two from those you already own, but remember this is a shopping project and the majority of your total look should be items purchased using skills you’ve learned while doing this project. | | | | Clothing Days: completed project book and outfit | | | | |
| 412 Sew for Others | | I | | | All 5 interest areas  At least 1 learning experience  At least 1 leadership/citizenship activity  A complete outfit for an individual or 3 different garments (adapted) for someone with special needs  Project evaluation | Completed Project Book  It is desirable, but not required, for the “other” to be present to show an outfit you made at the judging. If the other cannot be present, simply bring the garment you made to show the judge as well as photos of your “other” in the garment. **We limit the number of “others” and outfits to one.**  Pattern | | | | Clothing Days: completed project book and outfit (It is desirable but not required for the “other” to wear the outfit. Also, if the project is repeated, a new category of “other” must be selected) | | | | |
| 415 Ready, Set, Sew Active1 | | I | | | All 9 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  At least one garment with a total look for an active sportswear outfit  Project summary and project review | Completed project book  Wear the garment you constructed for active sports.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 418 Loungewear | | X | | | All 11 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  A loungewear outfit to wear over garments you make or buy  Project record, summary, and review | Completed Project book  Wear the outer layer of an outfit you constructed for lounging (usually at home before bedtime) and accessories for the total look.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 430 Shopping Savvy | | I | | | All 8 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  An outfit, including accessories  Project review | Completed project book  You will want to be dressed in a total look outfit assembled according to the information in your project to convey the image you wish to project to the audience and judges. | | | | Clothing Days: completed project book and outfit | | | | |
| 408 Creative Costumes | | A | | | All 5 interest areas  At least 1 learning experience  At least 1 leadership/citizenship activity  A costume from one of these categories: historical, ethnic/cultural, theatrical, or special interest  Project record and evaluation summary | Completed project book  Wear the costume you made for yourself. addition to the garment constructed.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 417 Dress-Up Outfit | | A | | | All 5 interest areas  At least 1 learning experience  At least 1 leadership/citizenship activity  A dress-up garment with two or more new experiences (zipper, sleeves, new trim or fabric) and coordinate/incorporate/ integrate into your total look  Project evaluation and project review | Completed project book  Wear the dress-up garment you constructed and accessories for the total look.  Pattern | | | | Clothing Days: completed project book and outfit | | | | |
| 426 Clothing for Your Career | | A | | | All 5 interest areas  At least 1 learning experience  At least 1 leadership/citizenship activity  An outfit with at least 2 pieces appropriate for a job, volunteer, work, or an interview (suit, uniform, or work outfit)  At least 2 alterations  A brief description of an interesting job. Job site visit or interview a professional, or both  Project record and evaluation | Completed project book  Wear the outfit you made. The outfit should have at least 2 pieces, appropriate for the job, work or an interview (suit, uniform or work outfit).  Pattern | | | | Clothing Days: completed project book and outfit. | | | | |
| 432M Sewing and Textiles (non-Clothing) Master | | A | | | At least one non-clothing fabric item  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project records including interview, budget, and photos  Judging activity | Completed project book  Wear garment(s) created | | | | No state fair event | | | | |
| Communication | | | | | | | | | | | | | | |
| 377 ***Finding Your Voice: Public Speaking Made Easy*** | | B | | | All 7 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| Creative and Leisure Arts | | | | | | | | | | | | | | | |
| Cake Decorating | | | | | | | | | | | | | | | |
| 492 Cake Decorating Project and Record book | | X | | | At least 5 learning activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Record of decorating skills and techniques  Project and cake records  Project summary and review | Completed project book  One decorated cake/cupcake – cakes cannot exceed 4 tiers, 4-H member must be able to carry cake to judging table unassisted (no carts or wagons)  Participants must also bring a display as per the project requirements, which represents their learning experience. The display does not need to be a tri-fold display board. If the display is something other than a poster, it must be limited in size to what the participant can handle/maneuver on his or her own. | | | | Creative Arts Day II: completed project book, display (decorated cake and poster), written and hands-on skills evaluation, and interview | | | | |
| Collecting | | | | | | | | | | | | | | | |
| 496 My Favorite Things | | B | | | All 8 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Items or photos of the collection that was the focus of your project.  Poster display no larger than 36” x 48” | | | | Creative Arts Day I: completed project book, display (representing their learning experience), and interview | | | | |
| Fine Arts | | | | | | | | | | | | | | | |
| 498 Quilting the Best Better | | I | | | All 8 activities and all Quilting Quotes questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Quilt blocks, a pillow to be donated, and a lap quilt (minimum 30" x 30" and maximum 54" x 72")  Project review | Completed project book  One lap quilt as per the pattern (2) provided in the project book. | | | | Quilt Day: completed project book, quilt and interview | | | | |
| 499 You Can Quilt! | | I | | | All 7 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Construct a Rail Fence or Four Patch mini-quilt  Project summary and project review | Completed project book  One mini quilt as per the pattern (2) provided in the project book. | | | | Quilt Day: completed project book, mini quilt, and interview | | | | |
| 592 Get Started  in Art | | X | | | All 11 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  A final project  Project summary and project review | Completed project book  At least one piece of art created for the project.  Poster display no larger than 36” x 48” | | | | Creative Arts Day I: completed project book, display (piece of art/poster), written skills evaluation, and interview | | | | |
| 593 ***Seeing Through Graphic Design*** | | I | | | All 9 activities, including a portfolio, and all of the Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project summary and project review | Completed project book  Display (portfolio) | | | | Creative Arts Day I: completed project book, display (portfolio), and interview | | | | |
|  | | |
| Genealogy | | | | | | | | | | | | | | | |
| 442 Family History Treasure Hunt | | X | | | All 4 steps in What to Do, depending on number of years project is taken  At least 1 other learning experience  At least 1 leadership/citizenship activity  Project review and records | Completed project book  Binder with correspondence log, research journal, pedigree charts (8 1⁄2” x 11”), family group sheets with documentation (notations for sources).  Photos may be included in the project binder. | | | | Family Life Day: pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation | | | | |
| Photography | | | | | | | | | | | | | | | |
| 584 Focus on Photography, Level 1 | | B | | | All 4 project areas, photo journal, and review questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project.  Each participant is required to bring one of the following three items:   * A single print of any size mounted at the discretion of the participant; or * A collection of prints illustrating a “Photo Story”, consisting of at least five and not more than ten photographs mounted at the discretion of the exhibitor; or * A collection of prints illustrating one of the “activities” the participant completed for the project, consisting of at least five and not more than ten photographs, mounted at the discretion of the participant. | | | | Photography Day: completed project book, display (single mounted print, prints that tell a “photo story,” or prints that illustrate an activity), and interview | | | | |
| 585 Controlling the Image, Level 2 | | I | | | All 4 project areas, photo journal, and review questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project.  Each participant is required to bring one of the following four items:   * A single print of any size mounted at the discretion of the participant; or * A single print illustrating an “enlargement,” which shall consist of an enlargement print, mounted at the discretion of the participant, and accompanied by the original size print; or * A collection of prints illustrating one of the “activities” the participant completed for the project, consisting of at least five and not more than 10 photographs mounted at the discretion of the exhibitor; or * A single original print illustrating a “News Story”, which shall be an original photo mounted at the discretion of the exhibitor and accompanied by the published article. | | | | Photography Day: completed project book, display (single mounted print, prints that tell a “photo story,” prints that illustrate an activity, or single print with the news story it illustrates) | | | | |
| 586 Mastering Photography, Level 3 | | A | | | All 4 project areas, photo journal, and review questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project.  Each participant is required to bring one of the following four items:   * A single print of any size mounted at the discretion of the participant; or * A single print illustrating an “enlargement,” which shall consist of an enlargement print, mounted at the discretion of the participant, and accompanied by the original size print; or * A collection of prints illustrating one of the “activities” the participant completed for the project, consisting of at least five and not more than 10 photographs mounted at the discretion of the exhibitor; or * A single original print illustrating a “News Story”, which shall be an original photo mounted at the discretion of the exhibitor and accompanied by the published article. | | | | Photography Day: completed project book, display (single mounted print, prints that tell a “photo story,” prints that illustrate an activity, or single print with the news story it illustrates) | | | | |
| 589M Photography Master | | A | | | One major photography project  At least 2 learning experiences  At least 2 citizenship activities  Project records including interview, budget, and portfolio  Judging activity | Completed project book  A display representing your learning experience of the current project.  At least (1) one print for display, mounted at their discretion, illustrating what they consider “the best” of the photographs demonstrating the area of interest they have chosen to “master” in this year’s project. | | | | Photography Day: completed project book, **bring at least (1) one print for display, mounted at participant’s discretion,** illustrating “the best” of the photographs and demonstrating the area of interest chosen to “master” in this year’s project. | | | | |
| Scrapbooking | | | | | | | | | | | | | | | |
| 497 Scrapbooking: A 4-H Guide to Preserving Memories | | B | | | All 3 project areas (the last activity is optional)  At least 2 learning experiences  At least 2 leadership/citizenship activities  A scrapbook  Project review | Completed project book  Scrapbook created for the project.  Poster display no larger than 36” x 48” | | | | Creative Arts Day I: completed project book, display, written and hands-on skills evaluation, and interview | | | | |
| Theater Arts | | | | | | | | | | | | | | | |
| 596 Play the Role | | I | | | At least 6 activities per year | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| 598 Set the Stage | | I | | | At least 6 activities per year | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| Writing | | | | | | | | | | | | | | | |
| 587 Writing and Reporting for Teenagers | | A | | | All 10 assignments, which include 9, 1-2 page reports  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project summary | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| 588 The Writer in You | | I | | | All 11 activities (including a writing portfolio) and all of the Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project Review | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| Food and Nutrition | | | | | | | | | | | | | | | |
| 459 Let’s Start Cooking | | B | | | All 8 activities, including 6 recipes  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project Review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu of one meal that includes the recipe selected that demonstrates knowledge of MyPlate | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 463 Sports Nutrition: Ready, Set, Go | | I | | | All 5 activities, including 5 recipes and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 481 Everyday Food and Fitness | | B | | | All 7 activities, including 5 recipes and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu of one meal that includes the recipe selected that demonstrates knowledge of MyPlate | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 484 Snack Attack! | | B | | | All 7 activities, including 7 recipes  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu of one meal that includes the recipe selected that demonstrates knowledge of MyPlate | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 486 Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices | | I | | | All 7 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 487 Take a Break for Breakfast | | B | | | All 5 activities, including at least 5 recipes  At least 2 learning experiences and 2 leadership/citizenship/career activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu of one meal that includes the recipe selected that demonstrates knowledge of MyPlate | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 461 Let’s Bake Quick Breads | | I | | | All 8 activities, including 7 recipes  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 472 Grill Master | | I | | | All 6 activities, including at least 5 recipes and the Notes for Next Time  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 474 Beyond the Grill | | A | | | All 6 activities, including 9 recipes  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 475 Star Spangled Foods | | I | | | All 7 recipe sections, including 11 recipes  At least 3 learning experiences  At least 3 leadership/citizenship activities | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 477 Party Planner: A 4-H Guide to Quantity Cooking | | I | | | All 8 activities, including 8 recipes  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project summary and project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 485 Racing the Clock to Awesome Meals | | I | | | All 7 activities, including 1 recipe and the Notes for Next Time for each activity  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 462 Yeast Breads on the Rise | | A | | | All 5 interest areas, including at least 6 recipes  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project record and summary | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 467 You’re the Chef | | A | | | All 8 interest areas, including 7 meals  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project record, evaluation at the end of each interest area, and review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 469 Global Gourmet | | A | | | All 7 activities, including preparation of meals and Notes for Next Time  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| 476 Pathways to Culinary Success | | A | | | All 6 chapters, including at least 3 recipes or additional ideas for each chapter  At least 3 learning experiences  At least 1 leadership/citizenship/career activity  Project record and project journal | Completed project book  Project portfolio - a folder or binder with pictures, illustrations, written information, etc. documenting what was learned from the project  Place setting and centerpiece  One single serving of a recipe from the project book, which the judge may taste  Printed menu for an entire day that includes the recipe selected that demonstrates knowledge of MyPlate. Menu should include breakfast, lunch, dinner, and snack. | | | | Food and Nutrition Days: pencil, three pronged folder with completed “Portfolio” and a blank clipboard (optional) | | | | |
| Healthy Living | | | | | | | | | | | | | | | |
| 300 You’re the Athlete | | I | | | At least 1 (of 7) section (Play Book, Practice Field, and Big Event)  Either 2 other Play Book and at least 2 Practice Field activities OR 1 other section ((Play Book, Practice Field, and Big Event)  At least 2 special learning experiences  At least 2 leadership/citizenship/career applications  “My Season highlights” (project summary) | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Health Day: completed project book, display, and interview | | | | |
| 351 Staying Healthy | | B | | | All 12 interest areas  3 of the More Challenges activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Health Day: completed project book, display, and interview | | | | |
| 352 Keeping Fit | | I | | | All 12 interest areas  3 of the More Challenges activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Health Day: completed project book, display, and interview | | | | |
| 353 First Aid in Action | | B | | | All 12 interest areas  3 of the More Challenges activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Health Day: completed project book, display, and interview | | | | |
| 357 Alcohol and Drug Abuse | | A | | | All 12 activities  At least 2 learning experiences  All least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Health Day: completed project book, display, and interview | | | | |
| 358 The Truth About Tobacco | | A | | | All 12 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Health Day: completed project book, display, and interview | | | | |
| 359 Your Thoughts Matter | | A | | | All 10 activities, including Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Health Day: completed project book, display, and interview | | | | |
| Home Living | | | | | | | | | | | | | | | |
| 405 The Laundry Project | | B | | | All 11 activities and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project Review | Completed project book  One item constructed as part of the project book requirements  A display representing your learning experience of the current project.  Your display AND item must fit into a 3 foot area or 3 feet of table space | | | | Home Decorating and Design Day: completed project book, display (visuals and records), and interview | | | | |
| 491 It’s My Home | | B | | | All 9 activities, including Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3 foot area or 3 feet of table space | | | | Home Decorating and Design Day: completed project book, display (an item constructed in the project, visuals to show how it helps make more pleasing and practical living spaces), and interview | | | | |
| 494 Makeover  My Space | | I | | | All 10 activities and 4 Talking It Over pages  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. Your display must fit into a 3-foot area or 3 feet of table space | | | | Home Decorating and Design Day: completed project book, display (visuals and records), and interview | | | | |
| 495 Your First Home Away From Home | | A | | | All 4 interest areas  At least 2 learning experiences  At least 2 leadership/citizenship activities  A notebook for planning and a project record | Completed project book  Item(s) or photos of item(s) selected or made for the project.  A display representing your learning experience of the current project.  Your display AND items must fit into a 3 foot area or 3 feet of floor or table space | | | | Home Decorating and Design Day: completed project book, display (visuals and records), and interview | | | | |
| Leadership and Citizenship | | | | | | | | | | | | | | | |
| 370 One on One | | A | | | At least 2 activities of first 3 interest areas  At least 2 leadership/citizenship activities  Project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| 371 Club Leadership 1 | | I | | | All 10 activities  3 individualized goals  At least 2 learning experiences  At least 2 citizenship activities  Project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| 372 Diversity: The Source of Our Strength | | A | | | All 8 activities  At least 2 learning experiences  At least 2 citizenship activities  Project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| 373 My Hands to Larger Service: Teen Leaders Building Our Communities | | A | | | All 9 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| 374 Teens on Board | | I | | | All 9 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| 375 Leadership Road Trip: Where Are You Going? | | I | | | All 13 activities and Rest Stop questions  At least 2 learning experiences  At least 2 citizenship activities  Project summary and project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| 375 Leadership Road Trip iBook | | I | | | All 13 activities and Rest Stop questions  At least 2 learning experiences  At least 2 citizenship activities  Project summary and project review | Completed project book on your own, charged, device. Electrical connections will not be available. Wifi will not be available.  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: iPad with completed project book, display, and interview | | | | |
| 376 Pantry Panic! | | A | | | All 7 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project book, display, and interview | | | | |
| 378M Leadership Master | | A | | | One major leadership experience  At least 2 learning experiences  At least 2 citizenship activities  Project records including interview, budget, and photos  Judging activity | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project record, display, and interview | | | | |
| 383 Club Leadership 2 | | A | | | All 11 activities and Talking It Over questions  At least 3 individual goals or additional activities  At least 2 learning experiences  At least 2 citizenship activities  Project summary and project review | Completed project book  A table-top exhibit illustrating highlights of their project experiences and accomplishments.  Displays should not exceed 36" wide by 24" deep. | | | | Leadership Day: completed project record, display, and interview | | | | |
| Money Management | | | | | | | | | | | | | | | |
| 445 Becoming Money Wise | | B | | | Level I  All 11 Making $ense and all 5 Money Talk activities  As many additional More Making $ense activities as you wish  2 organized activities  At least 2 leadership/citizenship activities  Level II  All 12 Resource $ense and 3 Resource Talk activities  As many additional More Resource $ense activities as you wish  2 organized activities  At least 2 leadership/citizenship activities  A money journal | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| 448 Teens . . . On the Road to Financial Success | | A | | | All 11 activities for Year 1 and for Year 2  At least 2 organized activities  At least 2 leadership/citizenship activities | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| Natural Resources | | | | | | | | | | | | | | | |
| Gardening and Plant Science | | | | | | | | | | | | | | | |
| 670 Canning and Freezing | | I | | | All 7 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project summary and project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 671 How Does Your Garden Grow? | | B | | | 4 activities, plus activity 4a, 4b, or both  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 691 Grow Your Own Vegetables | | B | | | All 11 activities (including growing vegetables) and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 692 Growing with the Seasons | | I | | | All 9 activities(including growing vegetables) and Talking it Over questions  At least 2 organized activities  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| The Natural World | | | | | | | | | | | | | | | |
| 611 Explore the Outdoors | | B | | | All 9 activities and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project Review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 612 ***Geology: Can You Dig It?*** | | B | | | All 8 activities (including a collection display) and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project Review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 617 Exploring Ponds | | A | | | All 9 activities and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 620 Why Trees Matter | | B | | | All 6 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 621 Ohio Birds | | X | | | All 5 interest areas  At least 2 learning experiences  At least 2 leadership/citizenship activities  Observe and record at least 20 different bird species  One-page summary | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 622 Trapping Muskrats in Ohio | | I | | | All 7 activities  At least 3 learning experiences  At least 3 leadership/citizenship activities  2 of 3 projects for first year; 2 of 3 projects for second year  A poster board | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 623 Outdoor Adventurer: Beginning Fishing | | B | | | All 8 activities, including Talking It Over questions and the Fishing Log  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 624 Fishing for the Intermediate | | 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 | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 641 Beekeeping Project and Record Book | | X | | | Set at least 3 project goals and objectives  At least 5 learning activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Colony Care and Management section  Beekeeping Record | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 644 Insect Adventures 1 | | B | | | All 7 activities, including an insect collection (30 specimens) and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 645 Insect Adventures 2 | | l | | | All 8 activities, including an insect collection (40 specimens) and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| 646 Insect Adventures 3 | | A | | | All 7 activities, including an insect collection (50 specimens) and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | Natural Resources Day II: completed project book, display, and interview | | | | |
| Shooting Sports | | | | | | | | | | | | | | | |
| 630 Safe Use of Guns | | B | | | All 11 activities, including Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 631 Basic Archery | | B | | | All 6 interest areas  At least 2 organized activities  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 750 Rifle Member Record Book | | X | | | All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified rifle instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 751 Archery Member Record Book | | X | | | All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified archery instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 752 Shotgun Member Record Book | | X | | | All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified shotgun instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display.. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 753 Pistol Member Record Book | | X | | | All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified pistol instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 754 Hunting and Wildlife Member Record Book | | X | | | All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified hunting/wildlife instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 755 Muzzleloader Member Record Book | | X | | | All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified muzzleloader instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 756 Living History Member Record Book | | X | | | All project book activities, including planning, setting goals, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified shooting sports living history instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| 757 ***Crossbow Member Record Book*** | | x | | | All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more  Must be enrolled in a Shooting Sports program under the direction of a certified crossbow instructor | Completed project book  A display representing your learning experience of the current project.  **Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches.** Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display. | | | | Natural Resources Day 1—Shooting Sports: completed project book, display, and interview | | | | |
| Science, Technology, Engineering, and Math (STEM) | | | | | | | | | | | | | | | |
| Aerospace Science | | | | | | | | | | | | | | | |
| 501 Rockets Away (2-Liter Bottle Rockets) | | B, ages 10-17 | | | All 3 interest areas  At least 2 organized project activities  At least 2 leadership/citizenship activities  Build and launch a 2-liter bottle rocket  Project review | Completed project book  A display representing your learning experience of the current project.  Bottle rocket built for the project | | | | STEM Day: completed project book, display, and interview | | | | |
| 502 Science Fun with Flight | | B, ages 9-14 | | | All 7 interest areas  At least 2 learning experiences  At least 2 leadership/citizenship activities  Build a glider or flyer, or a plastic model airplane or jet  Project review | Completed project book  A display representing your learning experience of the current project. | | | | STEM Day: completed project book, display, and interview | | | | |
| 503 Rockets Away (Solid-Fuel Model Rockets) | | B | | | All 3 interest areas  At least 2 organized project activities  At least 2 leadership/citizenship activities  Build and launch a solid-fuel model rocket from a kit  Project review | Completed project book  A display representing your learning experience of the current project.  Model rocket built for the project | | | | STEM Day: completed project book, display, and interview | | | | |
| 503M Solid-Fuel Rocketry Master | | A | | | One major solid-fuel rocketry project  At least 2 learning experiences  At least 2 citizenship activities  Project records including interview, budget, and photos  Judging activity | Completed project book  A display representing your learning experience of the current project.  Rockets built for the project | | | | STEM Day: completed project book, display, and interview | | | | |
| All-Terrain Vehicles (ATV) | | | | | | | | | | | | | | | |
| 555 ATV Safety | | X | | | Safety pledge  All 9 activities  Practice pages  Practice and riding record  At least 2 learning experiences  At least 2 leadership/citizenship activities | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| Bicycle | | | | | | | | | | | | | | | |
| 517 Bicycling for Fun, Level I | | B | | | At least 7 activities per year  Complete the Bicycling For Fun Achievement Program on second year  Complete Project Goals, Before and After, and Project Highlights sections | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| 518 Wheels in Motion, Level 2 | | I | | | At least 7 activities per year  Complete the Bicycling for Fun Achievement Program on second year  Complete Project Goals, Before and After, and Project Highlights sections | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| Chemistry | | | | | | | | | | | | | | | |
| 493 Science Fun with Kitchen Chemistry | | B | | | All 11 experiments  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | STEM Day: completed project book, display, and interview | | | | | |
| Electricity | | | | | | | | | | | | | | | |
| 527 Magic of Electricity, Level 1 | | B | | | At least 7 activities per year (3 main activities and 4 Brain Boosters)  At least 2 leadership experiences  Planning Guide | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge.  Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| 528 Investigating Electricity, Level 2 | | I | | | At least 7 activities per year (3 Required Activities and 4 Brain Boosters)  At least 2 leadership experiences  Planning Guide | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge.  Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| 529 Wired for Power, Level 3 | | I | | | At least 7 activities per year (3 Required Activities and 4 Brain Boosters)  At least 2 leadership experiences  Planning Guide | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge.  Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| 530 Entering Electronics, Level 4 | | A | | | At least 7 activities per year (3 Required Activities and 4 Brain Boosters)  At least 2 leadership experiences  Planning Guide | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge.  Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| 531 Science Fun with Electricity | | B | | | All interest areas  Experiments and journals for each interest area  At least 2 project activities  At least 2 leadership/citizenship activities  Project summary | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge.  Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| Energy | | | | | | | | | | | | | | | |
| 550 Young Engineers in Solar Energy | | I | | | All 9 activities and all of the Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | STEM Day: completed project book, display, and interview | | | | |
| Food Science | | | | | | | | | | | | | | | |
| 490 Science Fun with Dairy Foods: The Case of the Missing Milk | | B | | | All 6 activities  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | STEM Day: completed project book, display, and interview | | | | |
| Electric Radio-Controlled Vehicles | | | | | | | | | | | | | | | |
| 504 Electric Radio-Controlled Vehicles | | I | | | All 10 activities and 3 records  Safety checklist  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project. | | | | No state fair event | | | | |
| Knots | | | | | | | | | | | | | | | |
| 540 ***Not Just Knots*** | | X | | All 17 activities (including a capstone project) and all of the Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | | | | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge. | | | | | Engineering Excitement Day: completed project book, display, and interview | | |
| Physics | | | | | | | | | | | | | | | |
| 500 ***Science Fun with Physics*** | | B | | | All 12 experiments  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project Review | Completed project book  A display representing your learning experience of the current project. | | | STEM Day: completed project book, display, and interview | | | | | |
| Robotics | | | | | | | | | | | | | | | |
| 507 Robotics 1 with EV3 | | I | | | All 12 activities and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project.  EV3 robot, program coded for the project, all items and test surface needed to demonstrate the program.  Printout of your program | | | | STEM Day – completed project book, display and interview. In addition to the interview, contestants will demonstrate their LEGO EV3 robot’s ability to complete three or more of the tasks identified in Activity 12 of the 4-H 507 project book in less than 10 minutes. Contestants are required to bring their own test surface on which to demonstrate their robot’s completion of these tasks along with a printout of the program. | | | | |
| 508 Robotics 2: EV3N More | | A | | | All 7 activities and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project review | Completed project book  A display representing your learning experience of the current project.  EV3 robot, program coded for the project, all items and test surface needed to demonstrate the program.  Print out of your program | | | | STEM Day – completed project book, display and interview. Contestants are required to bring their own test surface to demonstrate their robot’s completion of a task of their choosing (in less than 10 minutes) along with a printout of the program. | | | | |
| 512M Robotics Master | | A | | | One major robotics project  At least 2 learning experiences  At least 2 citizenship activities  Project records including interview, budget, and photos  Judging activity | Completed project book  A display representing your learning experience of the current project.  EV3 robot, program coded for the project, all items and test surface needed to demonstrate the program.  Print out of your program | | | | STEM Day: completed project book, display, interview, and tasks. Contestants are required to bring their own test surface to demonstrate their robot’s completion of a task of their choosing along with a printout of the program. | | | | |
| Small Engines and Lawn Care | | | | | | | | | | | | | | | |
| 541 Crank It Up, Level 1 | | B | | | At least 7 activities each year in either main activities sections or Race Ahead sections  Planning Guide | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| 542 Warm It Up, Level 2 | | I | | | At least 7 activities each year in either main activities sections or Race Ahead sections  Planning Guide | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| 543 Tune It Up, Level 3 | | A | | | At least 7 activities each year in either main activities sections or Race Ahead sections  Planning Guide | Completed project book  Displays - **less than** 48” wide, 24” deep, and 36” tall of a completed activity from the project book to demonstrate for the judge. | | | | Engineering Excitement Day: completed project book, display, and interview | | | | |
| Tractor and Machinery Operation | | | | | | | | | | | | | | | |
| 551 Starting Up: Getting to Know Your Tractor, Level A | | B | | | Complete all activities | Completed project book.  Display – poster or other visual display | | | | Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events | | | | |
| 552 Tractor Operations: Gearing Up for Safety, Level B | | I | | | Complete all activities | Completed project book.  Display – poster or other visual display | | | | Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events | | | | |
| 553 Moving Out: Learning About Your Tractor and Farm Machinery, Level C | | I | | | Complete all activities | Completed project book.  Display – poster or other visual display | | | | Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events | | | | |
| 554 Learning More: Learning About Agricultural Tractors and Equipment, Level D | | A | | | Complete all activities | Completed project book.  Display – poster or other visual display | | | | Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events | | | | |
| Welding | | | | | | | | | | | | | | | |
| 573 Arcs and Sparks | | I | | | Recommended number of areas, building skills, and developing knowledge questions for your year  At least 2 organized project activities  At least 2 leadership/citizenship activities  Build at least 2 weldments/or other items in book  One-page report | Completed project book  Item made during the project that shows welding experience  Display – poster or other visual the displays knowledge gained | | | | Engineering—Welding Day: completed project book, appropriate gear, other equipment and/or supplies, and welding project  NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW). | | | | |
| Woodworking | | | | | | | | | | | | | | | |
| 556 Measuring Up, Level 1 | | B | | | At least 7 activities per year for up to three years  At least 2 leadership experiences  Planning Guide | Completed project book  At least one item built from a plan in the project book. | | | | Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview  NOTE: See the State Fair Guide Book for list of allowable tools. | | | | |
| 557 Making the Cut, Level 2 | | I | | | At least 7 activities per year for up to three years  At least 4 woodworking leadership experiences  Planning Guide | Completed project book  At least one item built from a plan in the project book. | | | | Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview  NOTE: See the State Fair Guide Book for list of allowable tools. | | | | |
| 558 Nailing It Together, Level 3 | | A | | | At least 7 activities per year for up to three years  At least 4 woodworking leadership experiences  Planning Guide | Completed project book  At least one item built from a plan in the project book. | | | | Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview  NOTE: See the State Fair Guide Book for list of allowable tools. | | | | |
| 559 Finishing Up, Level 4 | | A | | | At least 7 activities per year for up to three years  At least 4 woodworking leadership experiences  Planning Guide | Completed project book  At least one item built from a plan in the project book. | | | | Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview  NOTE: See the State Fair Guide Book for list of allowable tools. | | | | |
| 560M Woodworking Master | | A | | | One major woodworking project  At least 2 learning experiences  At least 2 citizenship activities  Project records including interview, budget, and photos  Judging activity | Completed project book  At least one item built for the project and the plans for that project. | | | | Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview  NOTE: See the State Fair Guide Book for list of allowable tools. | | | | |
| Self-Determined | | | | | | | | | | | | | | | |
| 365 Self-Determined | | X | | | Using the online Self-Determined Project Guide:  Topic identification  At least 3 areas of interest, each with at least 3 activities  At least two learning experiences  At least two leadership/citizenship experiences  Project summary | Completed Self-Determined Guide  REQUIRED: Bring a display mounted on a 36" high by 48" wide cardboard tri-fold display board with 12" wings. The display must include Title of the Project, Background - historical or general information about your topic, Areas of Interest - areas of your project you chose to focus on, Results - what you did, Conclusion - what you learned.  OPTIONAL: Any item built or created for the project that fits in the specified area below (  Each participant will be limited to a 48" wide by 15" deep tabletop space in which to exhibit all materials. Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator. | | | | Self-Determined Day: completed 365 project record, tri-fold display, sample of project work, and interview  NOTE: Requirements are different for self-determined projects that go to other days. | | | | |
| Workforce Preparation | | | | | | | | | | | | | | | |
| 382 Am I Ready for Work? | | I | | | All 9 activities and Talking It Over questions  At least 2 learning experiences  At least 2 leadership/citizenship activities  Project Review | Completed project book  Wear attire appropriate for job interview  A 5-minute digital presentation on your own device demonstrating your workforce development experiences.  An up to date resume | | | | Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview | | | | |