



2012 Hancock County 4-H Family Handbook



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- ☺ Indicates new or revised project
- ☆ Indicates State Fair eligible

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☺	Indicates new or revised project
☆	Indicates State Fair eligible

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- Hancock County Livestock Project Award – due September 17, 2012
- Hancock County Non-Livestock Project Award – due September 17, 2012
- Individual Honor Application – due September 17, 2012
- Junior Fair Entry form – due August 6, 2012
- Add/Drop Due – due June 1, 2012

2012 Calendar

**If you see something in the 2012 Family Guide, not listed here,
please contact the 4-H Office for availability.**

Welcome to Hancock County 4-H

Welcome to 4-H!

This *4-H Family Handbook* has been prepared for the benefit of you and your family. It contains valuable information that can help your family members get the most out of the 4-H year.



We hope you have an enjoyable year and take part in the many 4-H activities planned for your education and enjoyment.

What is 4-H?

- A voluntary, educational program designed to meet the needs and interests of boys and girls who are at least **8 years old, and enrolled in the third grade**, as of January 1st of the current year.
- Ohio 4-H membership ends December 31 of the year that an individual attains the age of 19.
- The purpose of 4-H is to provide learning experiences and opportunities for boys and girls that will help them grow and develop to the fullest of their potential through projects, programs and activities.
- Although competition is a part of the 4-H program, **the real benefit comes from learning, not from winning.** Skills learned and friendships made in 4-H will long outlast any ribbons and trophies won.
- **Although it is not mandatory, most 4-H members exhibit their 4-H projects at the Hancock County Fair.**
- All Junior Fair rules are printed in the *Hancock County Junior Fair Book*, available at the Jr. Fair office and may be found at <http://hancock.osu.edu/topics/4-h-youth-development/jr-fair>.

Clover Bud Program

- Cloverbud Program is open to any youth who is **at least 5 and is enrolled in kindergarten** as of January 1 of the current year.
- Register a child for the 4-H Cloverbud Program by completing a Cloverbud Enrollment Card by April 1.
 - Cloverbuds participate in fun, hands-on learning activities with other youth their age.
 - Cloverbuds are able to exhibit what they have done in a booth at the fair. They will receive a certificate of completion for their Cloverbud year.
 - Cloverbuds are not eligible for competitive events, county awards, or 4-H camp.
 - Cloverbuds are eligible to participate in special countywide Cloverbud activities.
 - Clubs with Cloverbud participants must have a trained Cloverbud volunteer.

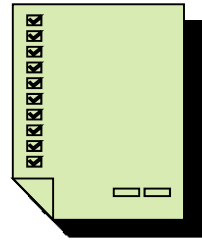


Enrollment & Completion Requirements

- 4-H is open to any youth that meets the age requirements.
- Members must select at least one project from the list of approved Ohio and Hancock County 4-H projects in this handbook or the Ohio Family Guide.
- Completed Enrollment Forms must be submitted to the 4-H Office no later than April 1 by club advisor.
- All project changes due in writing by June 1.
- Clubs may submit Enrollment Forms by last Friday in March for bonus points towards Banner Club Awards.
- Project books will be distributed by Club Advisors.
- Most project books cost \$5.00, some may be more.
- When repeating a 4-H project, the project book may be reused if possible. But – check if the book is new or revised.
- Project guidelines and judging/exhibit requirements are listed in this book for all projects.
- Jr. Fair Book may contain additional rules.
- 4-H Project may be judged in one of the following ways:
 - County Judging event, dates included in this handbook.
 - County Make-Up Judging event, date listed on 4-H Calendar (not eligible for county awards).
 - 4-H Advisor may judge the project, not eligible for county awards (Advisor must report grades to the Extension staff by August 1 to be able to display at the county fair.)
- All 4-H members are responsible for bringing completed project to appropriate judging event.
- Completion of a 4-H year requires youth:
 - To complete the requirements of at least one of the projects enrolled in at the beginning of the 4-H year.
 - Have at least one of the completed projects evaluated during the county 4-H project judging or by a club advisor.

Instructions for Completing Enrollment Forms

- ✓ Please use pen and print clearly!
- ✓ A form must be completed for multiple clubs, list name exactly the same on each form.
- ✓ Address should be the one designated by the Post Office. Include house number, road or street, post office box if appropriate, town and zip-code. Include parent address in appropriate area.
- ✓ Parent Signature is a must!
- ✓ Write parents' names as it should appear in any 4-H publication.
- ✓ Include club name and number on form.
- ✓ Please write name of office held if appropriate.
- ✓ Advisor should check all information for accuracy.
- ✓ Ages should be as of January 1 of the current year.
- ✓ Enrollment Forms due April 1.
- ✓ Please include e-mail address, and notify office staff when that address is changed.
- ✓ Include photo for identification purposes (optional).



Project Guidelines & Exhibit Requirements

This handbook contains a listing of 4-H project descriptions, guidelines & exhibit requirements for Hancock County. In order to standardize judging as much as possible, all members who bring their project to judging and the fair should follow the exhibit requirements listed in this handbook.

Members who fail to do so may be penalized at the discretion of the respective judge.

Poster guidelines

Many projects require a poster for the fair exhibit. Listed below are some guidelines for making a poster.



- Recommended poster size is 14 inches high by 22 inches wide.
- Share one idea on the poster.
- Keep it simple.
- Lettering should be large enough to be read from a distance of 4 to 8 feet.
- Make it as colorful and attractive as possible, so that fair-goers will stop and look at it.
- Be sure it tells about something you did or learned
- Keep it neat, but do your own work.

Hancock Co. Jr. Fair Participation

Only youth who have participated in 4-H project judging or livestock interviews are eligible to participate in the Hancock County Fair. Participating in the Hancock County Fair is NOT a completion of the 4-H project. The fair is an opportunity to share the accomplishments of each member/exhibitor with fair visitors. The Hancock County Agricultural Society, the Junior Fair Premium Book, the Code of Ethics, and the Code of Practices, govern the Junior Fair.

Non-Livestock Project Entries

- No entries are required for non-livestock projects. This is done through the Extension Office.
- Youth who exhibit their projects will receive:
 - \$3 premium for Superior and Outstanding
 - \$2 for Good and Needs Improvement.
- Projects are displayed in club booths.

Livestock Project Entries

- All market livestock, breeding livestock, horses and dogs to be shown at the fair must be entered by completing a Junior Fair Livestock Entry Form.
- Livestock Junior Fair entry Forms are due August 6 by advisor to Junior Fair Office.
- Quality Assurance training must be attended by all youth livestock exhibitors.
- All livestock premiums are paid out during the fair.
- Members must have ownership of livestock projects by the following date of current year:
 - Hancock County Calf Club, Born & Raised Finished Beef, Independent Steers, Dairy Steers – January 1, tagged & registered on January 4 at Hancock County Fairgrounds.
 - Dairy Feeder Calves – April 1, registered by April 1 on 4-H enrollment form.
 - Pullets, Cockerels – April 30
 - Turkeys – June 1, hatched no earlier than April 15
 - Market Lambs & Breeding Sheep – June 1
 - Rabbits – June 1, Rabbit Meat Pens – August 1
 - Market Hogs – June 1
 - Beef Breeding & Beef Calves – June 1
 - Goats – June 1
 - Horse/Pony – June 1
 - Llamas – June 1
 - Dogs – June 1
 - Poultry – June 1
 - Beef Feeder – August 1
 - Meat Chickens – seven (7) to nine (9) weeks prior to the fair.
- Drug Use Notification Forms must be submitted at weigh-in. (DUNF's are required for livestock including market steer, market hog, market lamb, veal calf, market dairy steer, market goat, market poultry, lactating dairy cattle, and lactating goats.)



4-H Judging Tips

- Be well groomed. That includes clean hands, hair, and fingernails.
- Don't chew gum.
- Use good posture.
- Be polite, and use your best manners.
- Be prepared to talk about your project. Know what you did, how you did it, what you learned, and what you might do differently the next time.
- When answering the judge's questions, speak clearly and loudly enough for the judge to hear your answers.

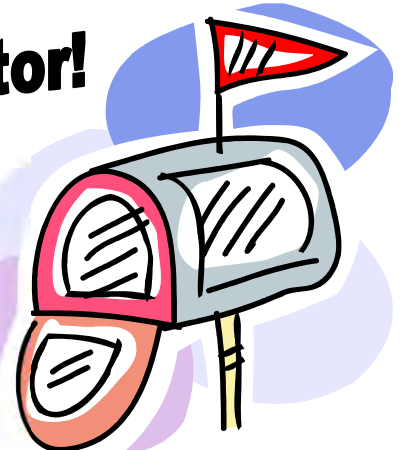


- During your interview, look directly at the judge. Give him/her your full attention. Don't be distracted by other people or noises around you.
- Thank the judge when the interview is finished. Remember, the real purpose of judging is sharing and learning.
- Be pleasant and confident. Smile, and be enthusiastic!
- Be proud of your accomplishments!

Market Livestock Exhibitor!



**Remember
to thank your
Junior Fair
Livestock Sale Buyer!**



Type of Judging 2012 Date & Location	PROJECTS TO BE JUDGED	
Field Crops Flower Gardening Vegetable Gardens July 9 (home visit)	Self-Determined Garden (365) How Does Your Garden Grow? (671) Vegetable Gardening I (691) Growing with the Seasons (692) Self-Determined Crops (1665) COMMENTS: All crop and gardening projects will be visited and judged at the member's home. A time schedule will be sent to the member in June.	
Food & Nutrition July 10 Hancock Agricultural Service Center	Cake Decorating (492) I Spy in the Kitchen (459) Let's Bake Quick Bread (461) Yeast Breads on the Rise (462) Sports Nutrition 2: Get Set (463) You're the Chef (467) Global Gourmet (469) Grill Master (472) Star Spangled Foods (475) Pathway to Culinary Success (476) Party Planner: 4-H Guide to Quantity Cooking (477) Food and Fitness for Fun (481) Food & Fitness Choices for You (482) Sports Nutrition I: On Your Mark (483) Snack Attack (484) Racing the Clock to Awesome Meals (485) Dashboard Dining (486) Fast Break for Breakfast (487) Science Fun with Dairy Foods: The Case of the Missing Milk (490)	
Clothing Judging July 12 Hancock County Agriculture Service Center Style Review 7pm (must participate to place)	CONSTRUCTION PROJECTS Clothes for High School & College (406) Accessories for Teens (407) Creative Costumes (408) Sew Fun (409) Fun with Clothes (410) em-bel-lish: A 4-H Guide to Wearable Art (411) Sew for Others (412) Sundresses and Jumpers (413) Active Sportswear (415) Dress-Up Outfit (417) Lounge Wear (418) Tops for Tweens (419) Outer Layers (420) Sportswear for Spectators (423) Clothes for the Middle School (424) Clothing for your Career (426) Sewing Master (432M) NON-CONSTRUCTION PROJECTS Frugal Fashion (425) Shopping Savvy (430) Clothing Master (431M) COMMENTS: Members will model BY PROJECT GROUPS. See the special rules and regulations in the Clothing Project section of this book.	
Misc. Project Judging July 17 TBA	Sign Language-Beginner (1010A) Sign Language-Advanced (1010B) County Government I (1014J) County Government II (1014S) Discovering 4-H (091) Cavy Project & Record Book (Guinea Pig) (215) Cat I – Purrfect Pals (216) Cat II – Climbing Up (217) Cat III – Leaping Forward (218) Pocket Pets (220) From Airedales to Zebras (244) All Systems Go (245) On the Cutting Edge (246) You're the Athlete (300) Staying Healthy (351) Keeping Fit (352) First Aid in Action (353) Alcohol & Drug Abuse (357) The Truth About Tobacco (358) Self-Determined (365) One on One (370) 4-H Club Teen Leadership (371) Multi-Level Teen Leadership (372) Teen Leadership on the Job (373) Teen Boardmanship (374) Speak Out (377) Leadership Master (378M) Get in the Act (379) Project Citizen Level 1 (380) Project Citizen Level 2 (381) Growing On My Own (434) Growing With Others (435) Growing in Communities (436) Family History Treasure Hunt (442) Becoming Money Wise (445) Money Fundamentals (446) Money Moves (447) Teens...On the Road to Financial Success (448) Adventures in Home Living (491) Make Over My Space (494) Your First Home Away from Home (495) Collectibles (496) Scrapbooking: Guide to Preserving Memories (497) You Can Quilt (499) Rockets Away – 2 liter bottles (501) Science Fun with Flight (502) Rockets Away – Estes-type (503) Electric Radio Controlled Vehicles (504) Robotics 1: NeXT Technology (509) Robotics 2: NeXT Steps (510) Bicycling for Fun, Level 1 (517) Wheels in Motion, Level 2 (518) Magic of Electricity – Level 1 (527) Investigating Electricity – Level 2 (528) Wired for Power – Level 3 (529) Entering Electronics (530) Science Fun with Electricity (531) Rope (540) Crank It Up (541) Warm It Up (542)	

Type of Judging 2012 Date & Location	PROJECTS TO BE JUDGED (continued)	
Misc. Project Judging (continued) July 17 TBA	Tune It Up (543) Lawn Care (548) Tractor 1, 2, 3, & 4 (551, 552, 553, 554) ATV (555) Measuring Up (556) Making the Cut (557) Nailing It Together (558) Finishing Up (559) Arcs and Sparks (573) Focus on Photography Level 1 (584) Controlling the Image Level 2 (585) Mastering Photography Level 3 (586) Writing & Reporting for Teens (587) Creative Writing (588) Get Started in Art (592) Play the Role (596)	Become a Puppeteer (597) Set the Stage (598) Let's Explore the Outdoors I (611) Exploring Our Forests (613) Tree Planting (614) Exploring Ohio Ponds (617) Ohio Birds (621) Trapping Muskrats in Ohio (622) Fishing for Beginners (623) Fishing for Intermediates (624) Safe Use of Guns (630) Basic Archery (631) Beekeeping (641) Exploring Our Insect World I & II (644 & 645) Canning & Freezing Foods (670) Shooting Sports (750, 751, 752, 753, 754, 755, 756)
Livestock Interviews August 6 Hancock County Fairground Show Arena Exhibited at the Fair Aug. 29 - Sept. 3	Beef (117) Dairy Heifer (122) Dairy Cow (126) Llama (132) Dairy Goats (135D) Fiber Goats (135F) Harness Goats (135H) Meat Goats (135M) Pack Goats (135PA) Pygmy Goats (135PY) Market Hog (139) Swine Breeding (140) Raising Pullets (151) Raising Broilers (152) Fancy Poultry (153) Turkeys (166) Duck or Goose (168) Horseless Horse (173) Beginning Horse Management (174)	Light Horse Selection (175) Basic Horse Training (177) Learning to Jump (180) Draft Horse (181) Standardbred Horse (184) Equine Reproduction & Genetics (185) Competitive Trail Riding (188) Dressage (189) Market Lambs (198) Sheep Breeding (199) You & Your Dog (201D) Dog Obedience (201O) Dog Showmanship (201S) Dog Performance (201P) Working Dogs (201W) Rabbit Breeding (225) Market Rabbit (226) Pet Rabbit (227)
Make Up Judging July 23 – Still project August 13 – Livestock Hancock Agricultural Service Center	For all members who cannot attend regular judging time. Projects judged this day are not eligible for State Fair or Awards. Register for your desired time online. Extension Office - 419-422-3851	
Unicycling	Unicycling (1006) COMMENTS: When taking the Unicycling Project, member must belong to the W.O.W. 4-H Club. Dates for judging will be set by club advisors and members will be notified.	

PROJECT DESCRIPTIONS

About 4-H

DISCOVERING 4-H

91 Discovering 4-H

B

For 1st year members that want to discover and explore the broad topics offered by 4-H. Easy to read, easy to use, an introduction to a variety of topics.

JUDGING: Judged at Miscellaneous Project Judging. Make a poster or exhibit as learned through the project book. Bring completed project book and be prepared to answer questions.

FAIR: Display poster / exhibit in 4-H Club booth in the youth building.

Animal Sciences

BEEF



General Requirements for ALL Beef Projects

JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule your interview time at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Must attend a Quality Assurance session prior to making fair entries. Enter beef project in proper class and follow Hancock County Junior Fair Beef Show rules listed in the Junior Fair Book. Advisor needs accurate information to make proper fair entries.

BEEF CHANGES FOR FAIR: Ownership by January 1, 2012, registered at tagging January 3, 2012.

2012 Market Beef Registration

- ✿ January 3rd, 6:30-8pm in the beef barn at the Hancock County Fairgrounds.
- ✿ This is how exhibitors will register their market beef animals (club calves, independent, born & raised, finished dairy beef etc.) for the 2012 Hancock County Fair. (It will take the place of calling the Extension Office.)
- ✿ Tagging will only be cancelled in the event of "Level 2 or 3" weather conditions. If weather forces cancellation on January 3, tagging will be done the following Tuesday, January 10th, 6:30-8pm at the fairgrounds.
- ✿ If a child's animal does not show up, they are considered NOT registered with us (Hancock County Fair) for 2012.

Beef Feeder:

- ✿ A committee from Hancock County Cattlemen will visit each home to ear tag calves on or closely after August 1.

Dairy Feeder:

- ✿ Ownership & Registration by April 1, 2012
- ✿ The calves are to be born between March 1 and March 31, current year. The calves shall be in the *possession* of the Junior Fair Exhibitor *no later than* the first Saturday of April of the current year. Calves are to be dehorned and castrated males. The testicles are to be surgically removed no later than June 1 of current year.

Required Supplement for Beef Projects:

117R Beef Resource Handbook for Market and Breeding Projects

Use this resource when taking a market beef or beef breeding project. Member only needs to buy this book once. This is an excellent resource to use for completion of the project.

117 Beef Project and Record Book

Complete this required project book every year a beef project is taken. This streamlined version of four previously separate publications allows for multiple projects and can be used by members at all ages. Use with 117R Beef Resource Handbook.

117B	Beef Breeding	X,☆
117BF	Beef Feeder	X,☆
117DF	Dairy Beef Feeder	X
117M	Market Beef	X,☆

DAIRY CATTLE

General Requirements for ALL Dairy Projects

JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule your time at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Must attend a Quality Assurance session prior to making fair entries. Enter dairy project in proper class and follow Hancock County Junior Fair Dairy Show rules listed in the Junior Fair Book. Advisor needs accurate information to make proper fair entries.



Required Supplement for Dairy Projects:

127R Dairy Resource Handbook for Dairy Heifer & Dairy Cow Projects

Use this resource when taking a dairy heifer or cow project. Member only needs to buy this book once. This is an excellent resource for completion of projects

122 Dairy Heifer X,☆
 PROJECT: Member will learn how to raise, care for, manage, and keep records for one or more dairy heifers. Complete this project & record book every year a dairy heifer project is taken. Complete Project Guidelines listed on the first page of the project book.

FAIR: Member may show one or more heifers at the fair.

126 Dairy Cow X,☆
 PROJECT: Complete this project & record book every year a lactating dairy cow project is taken. Learn how to care, manage, and keep records for one or more dairy cows. Complete Project Guidelines listed on the first page of the project book.

FAIR: Member may show cows and heifers in the Junior Fair Show.

GOATS

JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule interview time at <http://hancock.osu.edu/topics/4-h-youth-development>



FAIR: Must attend a Quality Assurance session prior to making fair entries. Enter goat project in proper class and follow Hancock County Junior Fair Goat Show rules listed in the Junior Fair Book. Advisor needs accurate information to make proper fair entries.

135 Goat Project and Record Book
 Complete this required project and record book every year a market, dairy or specialty goat project is taken. The quality assurance and animal records sections will help you learn how to care for and manage your animal or herd. Use with 135R Goat Resource Handbook.

135D	Dairy Goats	X,☆
135F	Fiber Goats	X
135H	Harness Goats	X
135M	Meat Goats	X,☆
135PA	Pack Goats	X
135PY	Pygmy Goats	X

Required Supplement for Goat Projects
135R Goat Resource Handbook for Goat Projects
 Use this resource when taking a market, dairy, or specialty goat project. Member only needs to buy this book once. This is an excellent resource to use when completing a goat project.

HORSES

****General Requirements for All Horse Projects****

Helmet Rule – All members must wear a helmet when participating in a 4-H riding event. This includes riding meetings, 4-H Fun Shows, 4-H Club sponsored shows, Junior Fair Horse Show (this show follows the Uniform Rules for 4-H Horse shows), 4-H Freestyle, and any other riding event done as a 4-H Club.



Horse Safety Ethics/Quality Assurance is required of all horse participants this year. There will be 2 options in the county, March 22 at Quality Assurance at Cory Rawson, 7pm or April 11 at Hancock County Extension Office, 6pm.

JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule interview time at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Member may show their saddle horse or pony at the county fair. All horses and ponies in the Junior Fair Horse Show must be decided by June 1. Enter equine project in proper class and follow Hancock County Jr. Fair Horse Show rules listed in the Jr. Fair Book. Advisor needs accurate information to make proper fair entries.

Requirements
190R Equine Record Book – Complete one record book every year
 (Projects 175, 177, 180, 181, 184, 185, 188, & 189)

191R Horses Safety and You – Required reading by all 4-Hers and their parents, 1st year of participation.

Uniform Rules for 4-H Horse Shows has been revised in 2012. Each family should purchase one of these books to become familiar with 4-H show rules.

- Requirements**
- ✓ Liability waivers must be on file at the Extension Office before riding a horse at a 4-H event.
 - ✓ Horse Safety & Ethics Program must be completed by all members enrolled during the first year horse program.
 - ✓ All lease agreements & Horse ID cards must be on file at the Extension Office by June 1, current year
 - ✓ State Fair participants will be determined by points accumulated at PAS Shows during the summer. See 4-H calendar for show dates in the area. May attend 2. (Double judge show counts as two.)

Additional Supplement
762 Horse Nutrition – digestion, nutrients, feedstuff and rationing.

****Please note** that a member does not have to take part in the county fair to complete these projects. Participating in the county fair is simply one way to enhance a member's project experience.

173 Horseless Horse **B**
 This is a beginning level project for 4-H members who do not own a horse. General Project Guidelines are found on page 3 of the project book. THIS PROJECT IS NOT ELIGIBLE FOR STATE FAIR.



JUDGING: Member must bring completed project book to Livestock Interview, as well as a 14"x22" poster showing what they learned. Completed project book and a one-page report should be shared. Schedule interview at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Member may display a poster or exhibit in their 4-H club booth or the county Horse Club booth in the youth building.

174 Beginning Horse Management **B**
This is a beginner level project for 4-H members to learn the basics of caring for a horse and learning to ride. Must complete Equine Record Book.

175 Light Horse Selection **I**
Great project for those participating in Horse judging contests. Member will gain knowledge in selecting pleasure and breeding stock. General Project Guidelines are listed on page 5 of the project book. Must complete Equine Record Book.

177 Horse Training: How to Talk to Your Horse **I**
This intermediate level project is designed for members that are training a horse from birth to maturity. Must complete Equine Record Book.

180 Learning to Jump **I**
The rider will be taken through the jumping process, beginning on the flat and taking member and horse through the course to self-confidence. General Project Guidelines are located on the first page of the project book. Must complete Equine Record Book.

181 Draft Horse **I**
Member will learn the basics of care and showing of a draft horse. General Project Guidelines are located on page 1 of the project book. Must complete the Equine Record Book.

FAIR: Member may show draft horse or draft pony at the county fair and must be decided by June 1. Enter and follow the Hancock County Junior Fair Rules listed in the Junior Fair Book. Your advisor will need accurate information to properly make fair entries.

184 Standardbred Horse **I**
Through this project, members will learn more about standardbred horses and their history, racing and pleasure driving. Project Guidelines are listed on page 3 of the project book. Equine Record Book must be completed.

185 Equine Reproduction & Genetics **A**
This is a multiple year project which explores breeding, and mare & foal genetics. This project is designed for members 14-18 years of age. Explore one of the three major interest areas for each year. Project Guidelines are listed on page 1 of the project book. Equine Record Book must be completed.

188 Trail Riding **I**
Member will build skills in trail riding and learn to select, condition and work with their horse. General Project Guidelines are listed on page 1 of the project book. Must complete the Equine Record Book.

189 Dressage **I, ☆**
Designed for older 4-H members with good equitation skills. Member will learn to develop their horse's physical and mental condition so that the rider and horse will move as one. Project Guidelines are found on page 1 of the project book. Must complete the Equine Record Book.

LLAMAS & ALPACAS

132 Llama and Alpaca Project and Record Book **X**
Complete this required project and record book every year a llama or alpaca project is taken. Get to know all aspects of

llama and alpaca care while keeping complete records of their experience as a llama or alpaca owner.



JUDGING: Must participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule interview at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Members may make a poster for display at the fair. Lease agreements are due to the 4-H office by June 1.

Required Supplement for Llama and Alpaca Projects **132R Llama & Alpaca Resource Handbook for Llama & Alpaca Projects**

Use this resource when taking a llama or alpaca project. Member only needs to buy this book once.

POULTRY

****General Requirements for ALL Poultry Projects****

JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule interview at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Must attend a Quality Assurance session prior to making fair entries. Enter poultry project in proper class and follow Hancock County Jr. Fair Poultry Show rules listed in the Jr. Fair Book. Advisor needs accurate information to make proper fair entries. All birds must be from a Pullorum Fowl Typhoid-Free Flock (water fowl are NOT tested).



PLEASE REMEMBER FOR FAIR:

- ☘ Turkey Ownership by June 1, 2012, hatched no earlier than April 15, 2012
- ☘ Turkey and Broiler rules...If does not make weight bird goes base bid. Does not go home. Must weigh bird you brought. NO substituting.

151 Raising Pullets **X, ☆**
In this project, the member will learn to feed, water, and care for chickens. Pullets and cockerels should have been hatched between January 1 and April 30 of the current year. Hens and cockbirds must be hatched before September 1st of the previous year. ALL BIRDS MUST BE OWNED AT LEAST THREE MONTHS PRIOR TO THE SHOW. General Project Guidelines are listed on page 1 of the project book.

FAIR: Member may show either two pullets and/or hens and/or one cockerel and/or one cockbird.

152 Raising Broilers **X, ☆**
Member will discover how to feed, water, and care for market broilers. BIRDS SHOULD BE IN MEMBER'S POSSESSION NO EARLIER THAN SEVEN (7) TO NINE (9) WEEKS PRIOR TO THE FIRST DAY OF THE FAIR. General Project Guidelines are listed on page 1 of the project book.

FAIR: Member may show three broilers at the Hancock County Fair.

153 Raising Fancy Poultry X,★
Member will learn the different varieties of fancy poultry. Construct a pen, plan a budget, and raise your own fancy poultry. Project Guidelines are listed on page 1 of the project book.

FAIR: Member may show a pen of one male and two females of the same breed or variety in the Fancy Trio Class.

166 Raising Turkeys X,★
Member will buy, brood, and raise a healthy turkey flock. General Project Guidelines are listed on page 5 of the project book.

FAIR: Member may show 2 birds at the Hancock County Fair.

168 Duck or Goose X,★
Member will learn how to care for, feed, water, and market ducks or geese while managing the flock to a healthy profit.

FAIR: Member may show one duck and/or one goose at the Hancock County Fair.

RABBIT

****General Requirements for All Rabbit Projects****
Use the Rabbit Resource Handbook to manage and evaluate your production practices.



JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule interview at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Member must enter and follow Hancock County Junior Fair Rules listed in the Junior Fair Book. Your advisor will need accurate information to properly make fair entries. Pens of three must be in the possession of the exhibitor by AUGUST 1. Pen of three must have Single Rabbit by June 1. All other rabbits should be in possession by June 1. Class specific information will be available in the Junior Fair Book.

225 Breeding Rabbit X,★
Complete this project every year a breeding rabbit project is taken. Use the Rabbit Resource Handbook to manage and evaluate your production practices. 4-H member can raise rabbits for show, as well as commercial use when taking this project. Members on exhibiting show rabbits should take this project.

226 Market Rabbit X,★
Complete this project every year a market rabbit project is taken. Use the Rabbit Resource Handbook to manage and evaluate your management decisions. 4-H members raise commercial rabbits when taking this project. Meat pens need to be tattooed with special ink. Usually takes place around the first Monday in August. Member must be enrolled in this project to take market rabbits to the fair.

227 Pet Rabbit X,★
Complete this project every year a pet rabbit project is taken. Use the Rabbit Resource Handbook to manage and evaluate your pet rabbit experience. This project is for members

whose rabbits, like dogs & cats, are their companions. These rabbits are not kept for breeding or commercial use.

JUDGING/FAIR: There are 2 options this year. (Cannot do both!)



1: Participate at Small Animal Judging July 17. Bring your rabbit, educational display and completed book. Display an educational display at the fair in your club's booth.
2: Participate at Livestock Interviews August 6. Bring your completed book. Exhibit your rabbit during the Junior Fair Rabbit Show.

Required Supplement for Rabbit Projects:
228R Rabbit Resource Handbook

Use this resource when taking rabbit projects. Member only needs to buy this book once. This is an excellent resource to use when studying for interview.

SHEEP

****General Requirements for Sheep Projects****

JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule interview at <http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Member must participate in a Quality Assurance Session. Member must enter and follow Hancock County Junior Fair Rules listed in the Junior Fair Book. Your advisor will need accurate information to properly make fair entries.

198 Market Lamb Project and Record Book X,★
Use the resource book to learn more about sheep. Member must write a one-page summary, keep accurate animal records and complete 5 activities each year. Member must complete two learning experiences and two leadership/citizenship activities.

FAIR: Member may tag four lambs at the county tagging and rate of gain weigh-in.

199 Sheep Breeding Project and Record Book X,★
Use the resource book to learn more about sheep breeding and production. Member must write a one-page summary, keep accurate animal records and complete 5 activities each year. Member must complete two learning experiences and two leadership/citizenship activities.



FAIR: Member may show sheep in the Junior Fair breeding show: which has breeding classes of yearling ram, ram lamb, yearling ewe, ewe lamb, farm flock (one ram & two ewes), and grade ewe. Market lambs could also be shown with this project (see Market Lamb Project Fair information above).

Required Supplement for Sheep Projects

194R Sheep Resource Handbook for Market and Breeding Projects

Use this resource when taking a market lamb or sheep breeding project. Member only needs to buy this book once. This is an excellent resource to use when studying for Interview.

SWINE

General Requirements for All Swine Projects

JUDGING: Participate in the Livestock Interview. Bring records and be prepared to talk about your project. Schedule interview at

<http://hancock.osu.edu/topics/4-h-youth-development>

FAIR: Must attend a Quality Assurance session prior to making fair entries. Enter swine project in proper class and follow Hancock County Junior Fair Swine Show rules listed in the Junior Fair Book. Advisor needs accurate information to make proper fair entries.

PLEASE REMEMBER FOR FAIR:

- ✿ Bottom weight shall be 200# and top weight shall be 265#. Those under or over may show but cannot go through the sale ring.
- ✿ Market Gilts may go home or to a market bid and ***"Must be declared at weigh-in"***.

139 Market Hog Project and Resource Book X,☆

Use the resource book when taking a swine project. Keep accurate records, and maintain proper Certification in Pork Quality Assurance. Hogs must be in possession by June 1.

Project guidelines listed on page 2 of the project book.



FAIR: See Fair Book for rules regarding weight for sale animals. See livestock section of Family Handbook for Hancock County Fair classes.

140 Swine Breeding Project and Record Book X,☆

Use the resource book with this project. Keep accurate records and participate in Pork Quality Assurance. Members will learn about the production of swine. Hogs must be in possession by June 1.

FAIR: Make an educational display/poster to be exhibited in the club booth or county miscellaneous booth in the youth building.

Required Supplement for Swine Projects

134R Swine Resource Handbook for Market and Breeding Projects

Use this resource when taking a market hog or swine breeding project. Member only needs to buy this book once. This is an excellent resource to use when studying for interview.

DOGS

General Requirements & Activities for All Dog Projects

JUDGING & FAIR REQUIREMENTS:

All dog projects (201D, 2010, 201P, 201S, 201W) will be judged during Livestock Interviews. Schedule interview at <http://hancock.osu.edu/topics/4-h-youth-development>

The Dog Show for all projects except 201D will be held at the county fair (Wednesday). Member must pre-register to show at the fair. Follow the rules in the Hancock County Junior Fair Book. Members planning to participate in this event must have a copy of their current shot records and dog license on file at the 4-H Office by July 1st of the current year.

Recommended Poster Size 14"x22"

STATE FAIR:

- ✓ Please check Ohio State Fair website for deadlines. <http://www.ohiostatefair.com>
- ✓ Entry fee is required per dog / per class.
- ✓ Ohio State Fair Poster Contest – Any youth enrolled in a dog project may enter a poster. Call 419-422-3851 for details.



201 Dog Project and Record Book

Complete this required project and record book every year a dog project is taken. Use one project book each year, even if your dog is involved in more than one project and even if you have more than one dog.

201D You and Your Dog X,☆

Recommended as a first-year dog project and also as a complement to other dog projects. Keep accurate records. This project can be repeated each year.

JUDGING: You must bring a poster and your completed project book to judging. Be prepared to answer questions. **DO NOT BRING YOUR ANIMAL TO JUDGING!**

201O Obedience X,☆

Covers beginning and advanced obedience training. Keep accurate records.

201P Performance X,☆

Includes agility, drill team, and other performance events. Keep accurate records.

201S Showmanship X,☆

Learns basics of dog showmanship. Keep accurate records.

201W Working Dog X,☆

Participant will raise a puppy provided by a reputable organization, and approved by the Extension Educator. This includes weaning the puppy and training it for household living. Keep accurate records.

Required Supplement for Dog Projects

201R Dog Resource Handbook

Use this resource when taking a dog project. Member only needs to buy this book once. This is an excellent resource to use when studying for Interview.

COMPANION ANIMALS



BRING YOUR SMALL ANIMALS TO JUDGING!!!

General Requirements for Companion Animals

JUDGING: Judged at Miscellaneous Project Judging. Member will need to bring their small animal, a completed project book and an educational display or poster. Be prepared to answer questions.

FAIR: Display the exhibit in the member's 4-H club booth or in the miscellaneous booth in the youth building (if their club does not have a booth).

X=all levels B=beginner I=intermediate A=advanced

215 Cavy (Guinea Pigs) new book X, ☆
 New in 2012! Member will learn to feed, care for, and manage a guinea pig. Cavy Project and Record Book must be completed. General Project Guidelines are listed in the project book.

216 Cat I – Purrfect Pals B, ☆
 Member will learn about cat parts, breeds, care of cats and costs involved. It is designed as a beginning level project. Activities are for youth that may or may not have a cat. Project Guidelines are listed on page 2 of the project book. (3rd – 5th grade).

217 Cat II – Climbing Up I, ☆
 Member will learn about showmanship, training, breeding, and health of a cat. This is an intermediate level project. Complete Cat I before taking this project. Project Guidelines are listed on page 2 of the project book. (6th – 8th grade).



218 Cat III – Leaping Forward A, ☆
 Complete Cat I & II before taking this project. This is designed as an advanced project. Member will learn about genetics, cat digestive system, skeleton and reproduction. Project Guidelines are listed on page 2 of the project book. (9th – 12th grade).

220 Pocket Pets (Gerbils, Hamsters, Mice & Rats) X, ☆
 Members will complete the interest areas and age-appropriate activities relating to their small animal species. General Project Guidelines are found on page 2 of the project book. Requires 220 Pocket Pets Project and Record Book and 220R Pocket Pets Resource Handbook.

365 Self Determined Projects may be taken for other small animals not listed in Pocket Pets. Included but not limited to chinchillas, hedge hogs, reptiles and amphibians.

VET SCIENCE

General Requirements for Vet Science Projects



JUDGING: Judged at Miscellaneous Project Judging. Member should bring a poster or educational exhibit dealing with some phase of the project and their completed project book. Be prepared to answer questions about the project.

FAIR: Display an exhibit in your 4-H club booth or in the county miscellaneous booth in the youth building.

244 From Airedales to Zebras, Level 1 B, ☆
 Members complete activities to learn about basic needs of animals, purpose of body systems, biosecurity in the home or farm, veterinary tools, etc. Designed for youth in 3rd – 5th grades.

245 All Systems Go! Level 2 I, ☆
 Members research proper environments for animals, examine parasite life cycles, conduct food safety experiments, investigate disease-causing agents, and more. Designed for youth in grades 6-8. May be taken for 3 years.

246 On the Cutting Edge, Level 3 A, ☆

Recommended Poster Size 14"x22"

Members learn more about animal behavior, animal diseases, genetics, and anatomy and physiology. Delve deeper into careers. Designed for youth in grades 9-12.

Child & Family Development

General Requirements for All Child Development Projects

JUDGING: Judged at Miscellaneous Project Judging. Bring project book and at least one example of an activity, that was conducted, or one item that was made to use with children, and an educational display.



FAIR: Member may display a poster or item that they made in their 4-H club booth or in the county miscellaneous booth in the youth building.

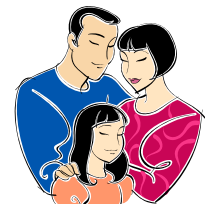
434 Growing On My Own B, ☆
 This beginner level project is for youth that want to learn about themselves, the way they grow, and understand their roles and responsibilities. Life skills practiced in this project are personal safety, critical thinking, motivation, concern for others, accepting differences, and planning and organizing.

435 Growing With Others I, ☆
 Intermediate level project in which youth learn how to prepare themselves for self-care, select age-appropriate toys, create a group of friends, develop family rules, prepare healthy meals, and check the home for safety hazards. Important life skills are planning and organizing, critical thinking, concern for others, accepting differences, teamwork, leadership, self-responsibility, and personal safety.

436 Growing Communities A, ☆
 In this advanced level project, youth have the opportunity to consider child development careers, gain experience as a teacher or coach, participate in a community service project, and learn that children with different abilities have different needs. Planning and organizing, critical thinking, concern for others, accepting differences, team work, leadership, self-motivation, self-responsibility, and personal safety are life skills emphasized in this project.

442 Family History Treasure Hunt X, ☆
 Discover your family history as you go on a treasure hunt to learn jewels of information from interesting relatives, special events, and curious stories of days gone by. This project may be used for three or more years. Project Guidelines are listed on page 2 of the project book. Please include on Enrollment Form if it is 1st, 2nd, or 3rd year in the project.

JUDGING: Bring the family record and notebook, along with any other interesting information. Be prepared to discuss the records in genealogical research methods.



FAIR: Member may display a poster or small educational exhibit in their 4-H club booth or in the county miscellaneous booth in the youth building.

X-all levels B=beginner I=intermediate A=advanced

Clothing & Textiles

General Requirements for All Clothing Projects

- ✓ All members will need to participate in the Style Review the evening of judging in order to place in their class. If a member has 2 clothing projects, they may choose which outfit they will model. A clothing narrative worksheet will be available online due at judging.
- ✓ Member may repeat any project, but should attempt some feature that offers a challenge, such as using a more complicated pattern, hard to handle fabric, etc.
- ✓ Ohio State Fair representatives will be selected so as to be consistent with State Fair policy.

JUDGING

- ✓ Clothing projects are judged at Clothing Judging.
- ✓ Members will meet individually with judges; parents & advisors are not permitted in the judging area.
- ✓ Members will model garments made at the Style Review that evening, 7pm, must participate to place in classes.
- ✓ During clothing judging, each member will be judged on the "7 Clues of the Total Look" – construction, design, fashion, poise, posture & grooming, and personal qualities.
- ✓ Members should bring the following to judging: items made, coordinated outfit (include accessories), completed project book, pattern(s), cost analysis (example following), other project records or poster as required.
- ✓ Be prepared to discuss the garments made and information in the project book.
- ✓ 4-H members will be required to prepare a complete project cost analysis. The knowledge of the analysis process is more important than the actual cost of the project. The following example of a project cost analysis should help members to calculate the project cost.

FAIR: Member may exhibit the items made in his/her 4-H booth at the county fair.

General Requirements for All Non-Construction Clothing Projects

JUDGING

- ✓ Judged at Clothing Judging. Bring your completed project book, project records, and wear your assembled Total Look Outfit (if completed in project), and small educational display showing one main idea. Be prepared to answer questions about your display and the project. Member's project will be reviewed and graded during an individual interview.
- ✓ Members enrolled in these projects are eligible for State Fair if participate in the Style Review at 7pm. To be considered, member must complete the activity in the project book in which a total look outfit is assembled.

FAIR: Member should display poster or small exhibit in their 4-H club booth.

The same analysis system can be used in many other projects. At judging, 4-Hers may display cost analysis in any way they choose.

Cost Analysis Example –

Clothing pattern #0000 =	\$5.00
3 yards fabric @ \$4.00 =	\$12.00
Thread =	\$1.25
½ yard interfacing @ \$3.60 =	\$1.80
2 yards Lace trim @ \$4.00 =	\$8.00
1 pkg. Hem lace =	<u>\$0.95</u>
TOTAL COST:	\$29.00

Comparable retail garment sells for \$39.00

CLOTHING PROJECTS – Younger Members

409 Sew Fun

B,★

Learn to make your own clothing. Select and make an "easy" or "beginner" commercial pattern. This is an introduction to sewing for members of any age. Follow the Project Guidelines listed on page 5 of the project book.

410 Fun With Clothes

B,★

Great beginner clothing project for those in grades 3-5. Decorate a sweatshirt or t-shirt by sewing or fusing on a decorative patch. Personalize clothing and do fun experiences in label reading, comparison shopping, assembling a complete outfit, doing a keeping neat check-up, sewing on a button, putting away clothes, and exploring current fashions. This project is designed to be taken one time by younger 4-H members. Complete Project Guidelines listed on page 2 of the project book.



CLOTHING PROJECTS – Especially for Tweens

413 Sundresses and Jumpers

B,★

In this beginning-level project youth are required to plan and make a sundress or jumper and choose accessories. Complete guidelines listed on page 5 of project book.

419 Tops for Tweens

B,★

Select a pattern and make a top (shirt, blouse, vest, tank top, poncho, sweater, or t-shirt). Collect and organize needed equipment. Assemble a "total look" outfit. Evaluate ready-to-wear garments. Check and improve posture. Do at least two citizenship/leadership activities. Follow all General Project Guidelines found on page 3 of the project book. This project may be repeated.



424 Clothing for Middle School

I,★

Designed for members in grades 5 through 8 or 9, depending on when you enter high school.

Make: a.) at least one garment with sleeves OR
b.) a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, shirt, or other top with or without sleeves.

Assemble a total outfit featuring the garments made to wear to school. Check and improve personal grooming habits. Strive for a total look each school day, and do needed repairs. Follow all Project Guidelines found on page 5 of the project book. This project may be repeated. Do at least two leadership/citizenship activities.

CLOTHING PROJECTS – Especially for Teens

406 Clothes for High School and College A, ☆
Construct an outfit with a minimum of two pieces, or a one-piece garment with sleeves, plus some other style detail not tried before. Do a wardrobe inventory and analyze personal color, texture, and lines. Practice good grooming and repair clothing. Follow the Project Guidelines listed on the inside cover of the project book. Project may be repeated. Do at least two leadership/citizenship activities.

407 Accessories for Teens B, ☆
Make at least one accessory (bag/purse, belt, cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders) to achieve a more complete appearance in an outfit. Complete all the Project Guidelines listed on page 4 of the project book. Project may be repeated. Do at least two leadership/citizenship activities.

420 Outer Layers A, ☆
Plan, construct, and evaluate an outerwear garment such as a coat, jacket, or cape. Use information and complete experiences in deciding the type of coat or jacket needed, choosing fabrics, considering fashion trends, identifying outfits and outer garments in wardrobe, planning the project outfit and accessories, and evaluating the completed garment and outfit. Follow the Project Guidelines located on page 2 of project book.

425 Frugal Fashion A, ☆
Challenges youth to use creativity and resourcefulness to put together a total look outfit focusing on spending the least amount of money possible. Complete Project Guidelines that are found on page 5 of the project book.



CLOTHING PROJECTS – Intermediate Level, Any Age (with some 4-H clothing experience)

411 em-bel-lish A 4-H Guide to Wearable Art I, ☆
New in 2012! Designed for members with some clothing experience. Possibilities include applique, batik, beading, dyeing, embroidery, and many other techniques. Not a clothing construction book and not a how-to book, this is a general project guide that involves exploring embellishment ideas, identifying likely clothing items, learning a few techniques, and putting together a completed outfit. This project can be completed in lots of fun ways, all depending on what you want to learn. Interested members without clothing experience should start with *410 Fun with Clothes*. Guidelines in front of book.

412 Sew for Others I, ☆
Construct one complete outfit for the person of your choice, or adapt three different garments for a disabled or handicapped person. Include at least two new learning examples involving fitting, alterations, construction techniques, or fabric handling. Analyze coloring, figure type, size, and preferences of the “other”. Compare styles, colors, fabrics, workmanship, cost, and special features of ready-to-wear outfits with the outfit constructed for the other. Do at least one leadership/citizenship activity. Complete Project Guidelines listed on page 3 of the project book. (If repeated, a different category of “others” should be selected each time.)

Recommended Poster Size 14"x22"

JUDGING: See General Requirements for All Clothing Projects. Person for whom garment is made will model the article(s) made and the coordinated outfit. (Not: Model for garments of disabled project is not required to attend.)

415 Active Sportswear I, ☆
Make at least one garment in an outfit assembled for active sportswear. Compare the garment(s) made with similar ready-to-wear garments. Evaluate buying habits and the sportswear outfit. Complete an accessory plan. Do at least two leadership / citizenship activities. Complete Guidelines listed on inside cover of the project book. This project may be repeated.



418 Lounge Wear I, ☆
Project is designed for members with some clothing project experience. Plan & make the outer layer of an outfit for lounging such as a cotton robe, a fleece shawl, or a terry cloth cover up – what ever fits your sewing ability, lifestyle and lounge wear needs. Make or select other garments and accessories to complete your lounge wear outfit. Complete guidelines listed on page 5 of project book.

423 Sportswear for Spectators I, ☆
Make at least one garment in an outfit assembled for spectator sportswear. Compare the garment(s) with similar ready-to-wear garments. Rate personal buying ability. Identify spectator sportswear needs and preferences. Complete an accessory plan. Follow Project Guidelines listed on page 4 of the project book. Project may be repeated. Do at least two leadership/citizenship activities.

430 Shopping Savvy I, ☆
This fun and informative project is designed for members with some clothing experience. Members take stock of their current wardrobe, compare different brands, study current fashion trends, learn proper clothing care, and of course, go shopping! Project guidelines are located on page 5 of project book.



CLOTHING PROJECTS – Advanced Level, Any Age (those who have mastered basic clothing construction and are ready for new challenges)

408 Creative Costumes A, ☆
Participant will choose to make a costume from one of four categories: Historical, Ethnical/Cultural, Theatrical, or Special Interests. Goals of the project include understanding clothing and its significance to individuals and groups, as well as applying new knowledge to planning and making a costume related to the goals of the specific costume category. Projects will be evaluated according to the “7 Clues of the Total Look”. In addition, evaluation will include authenticity of adaptation and knowledge of costume history or background, related to the specific costume chosen. This is an advanced project for more experienced sewers. Complete Project Guidelines that are found on page 4 of the project book.

417 Dress Up Outfit A, ☆
Make at least one dress up garment to be worn as part of a total dress up outfit. Visit stores and examine ready-made dress up garments. Analyze personal coloring, body build,

X-all levels B=beginner I=intermediate A=advanced

image, and personality. Do at least one leadership/citizenship activity. Project Guidelines may be found on page 3 of project book.

JUDGING: See General Requirements for All Clothing Projects. Outfits from this project will be divided into two categories for judging: Daywear or Formalwear.

426 Clothing for your Career **A, ☆**
Using the "7 Clues of the Total Look", make and evaluate an outfit that has a minimum of two pieces, provides several new challenges, and fills a job or interview need. Write a description of your job or one in which you are interested. Visit a job site and/or interview an employer about clothing in the workplace. Plan a wardrobe that projects a positive image at work. Do at least two alterations / recycling experiences and compare costs with an alteration or repair service. Follow Project Guidelines located on page 4 of the project book.

431M Clothing Master **A, ☆**
New in 2012! Designed for members who want to make clothing in a category that is different from other 4-H clothing project categories or that requires specialized or professional-level skills beyond those typically used in other 4-H clothing projects. 4-H members of any age can complete this project, but should have previous clothing construction experience (comparable to what is required for other advanced-level 4-H clothing projects) and be able to plan and complete the project on their own with minimal supervision or assistance. Guidelines are in book.



432M Sewing and Textiles Master **A, ☆**
New in 2012! Designed for members who want to sew something *other than clothing* that is different from what they can make in other 4-H projects or that requires specialized or professional-level skills beyond those typically used in other non-clothing projects. (Ex. drapes, pillow cover, purse/bag). Members of any age can complete this project, but should have previous sewing experience and be able to plan and complete the project on their own with minimal supervision or assistance. Guidelines are in book.

Creative & Leisure Arts

492 Cake Decorating **X, ☆**
New in 2012! Track your learning as you gain new skills and showcase your cake decorating talent! Complete this project and record book every year a cake decorating project is taken. Guidelines are in book.
Cake decorating follows their own project guidelines but will judge on Foods Day.

Optional Supplement for Cake Decorating
492R Cake Decorating Resource Handbook
All-inclusive cake decorating book includes everything from baking the cake to decorating with special effects.

COLLECTING

496 Collectibles **B**
Investigate the world of collectibles. Explore sports cards, coins, figurines, leaves, rocks, minerals, etc. Learn collecting
Recommended Poster Size 14"x22"

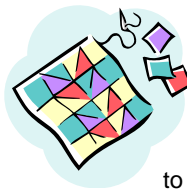
skills and discover why collecting helps young people grow. Complete the Project Guidelines listed on page 4 of the project book.

JUDGING: Miscellaneous Project Judging Schedule. Member must bring their completed project book and a sample of their collection.

FAIR: Make a poster or exhibit to put in your 4-H club booth or in the county miscellaneous booth in the youth building.

FINE ARTS

499 You Can Quilt **I, ☆**
If you're curious about quilting, but don't know where to start, this project could be for you. Members assemble quilting tools, select and cut fabrics, stitch pieces together, and before they know it – they're quilting. Choose from two patterns to make a mini quilt.



JUDGING: Miscellaneous Project Judging Schedule. Member must bring their completed project book and a sample of their collection.

FAIR: Make a poster or exhibit to put in your 4-H club booth or in the county miscellaneous booth in the youth building.

592 Get Started in Art **X, ☆**
New in 2012! Explore the basic elements of visual art through activities on color, line, space, balance, and more, and then complete your own work of art. Appropriate for members of all skill levels and ages, this project can be repeated as long as new learning takes place and new works of art are completed. Guidelines are on page 4.

JUDGING: Refer to the Miscellaneous Project Judging schedule. Bring the member's project book and final project. Be prepared to discuss all project experiences and activities and how art projects were chosen and made. Project will be evaluated on quality of art projects and member knowledge.

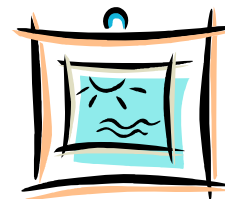
FAIR: Members may display their exhibit in their 4-H club booth or in the county miscellaneous booth in the youth building.

PHOTOGRAPHY

General Requirements for All Photography Projects

JUDGING: Judged at Miscellaneous Project Judging. Member should bring:

- Completed project book
- Samples of photos taken for the project
- Camera
- One color or black and white enlargement neatly mounted on a mat board, OR a "picture story" using 3-5 photographs.



FAIR: Display your photo enlargement or picture story in your 4-H club booth or in the miscellaneous booth in the youth building (if your club does not have a booth).

X=all levels B=beginner I=intermediate A=advanced

584 Focus on Photography, Level I (Beginner) B,★

Learn how to use your digital or film camera to take quality pictures, and how to evaluate them before and after you take them. Fixed lens or "point and shoot" cameras are okay. This project covers camera settings, lighting techniques, and composition skills.



585 Controlling the Image, Level II (Intermediate) I,★

Member will practice different techniques in lighting, image focus, and composition. Improve your photography skills with assignments that require creativity, problem-solving, patience, and practice. (Need film or digital, adjustable lens camera.)

586 Mastering Photography, Level III (Advanced) A,★

Choose a theme and take photos that display your mastery of camera equipment, lighting techniques, and unusual composition. (Need film or digital, adjustable lens camera. Additional equipment such as wide-angle & telephoto lenses, filters and light meter is useful.)

497 Scrapbooking: 4-H Guide to Preserving Memories B,★

This beginning / intermediate level project is designed for youth with limited experience in scrapbooking. Requires completion of project activities and creation of a scrapbook.

THEATER ARTS

****General Requirements for All Theater Arts Projects****

JUDGING: Refer to Miscellaneous Project Judging Schedule for judging time. Member must bring completed book and items made and/or education display of knowledge learned.

FAIR: Display items made or poster exhibiting knowledge learned through this project in 4-H Club booth or in the county miscellaneous booth in the youth building.

596 Play the Role I

Members learn about acting, puppetry, sound effects, color and stage make-up. Complete at least seven project activities and three "Call Board" activities each year. This project can be repeated two or three years.

597 Become a Puppeteer I

Members will expand on activities and experiences related to theater arts, including costuming, props, voice, and state presence. Complete at least seven project activities and three "Call Board" activities each year. This project can be repeated 2 or 3 years.

598 Set the Stage I

Members learn advanced acting skills and practice organizational skills, character development, and set design. Complete at least seven project activities and three "Call Board" activities each year. The project can be repeated twice.

WRITING

****General Guidelines for Writing Projects****

As part of notebook, include the following writings: rhymed poetry, free-style poetry, short story, essay, feature story, and news story.

JUDGING: Member must turn in their notebook at the Extension Office by July 9. Judged at Miscellaneous Project Judging. Be prepared to answer questions about the project.



Recommended Poster Size 14"x22"

FAIR: Exhibit a notebook of some of the writings, poster or educational display in your 4-H club booth or in the county miscellaneous booth in the youth building.

587 Writing & Reporting for Teens A

Advanced writing project suitable for 9-12 grades, member will learn techniques for news gathering, writing, and photography. General Project Guidelines are found on page 2 of the project book.

588 Creative Writing I

Suitable for ages 12-18, member will write short stories and poems. General Project Guidelines are found on page 3 of the project book.

JUDGING: The selections should be typewritten (double spaced) on 8 ½ x 11 inch paper. Writings should include:

- A. three Journal entries,
- B. one Character sketch,
- C. three poems written in free verse, haiku or rhyme OR two short stories (may include a song or play as one story) OR one fiction story.

Food & Nutrition

****General Information for All Food & Nutrition Projects****

All Food & Nutrition judging will take on a new look to become aligned with Ohio State Fair Guidelines.



JUDGING:

- ✿ Bring a single serving of one recipe included in the project book. For intermediate and advanced projects, food item should be appropriate for the project but does not need to be from the project book. (If the food is intended to be served hot or cold, it should be packed to maintain quality.)
- ✿ Bring an appropriate table setting for the menu. (centerpiece optional)
- ✿ Bring a balanced menu for the day which includes the food prepared (3 meals plus snacks)
- ✿ "Project Presentation" specific to the participant's book. Bring a three-pronged folder/notebook that includes 8 ½" by 11" pages. Participants will create a maximum of one page (one sided only) per "activity area" or "interest area" as designated in the front of the project book. Pages may be collage, journaling, timeline, photo or any format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. (No points for scrapbooking style.)
- ✿ Be prepared to share what was learned in your project
- ✿ All members should be familiar with MyPlate. Additional information at <http://www.ChooseMyPlate.gov>



FAIR: An educational nutrition exhibit for each food project or group of food projects may be displayed in member's 4-H club booth. No real or artificial food is to be displayed.

X=all levels B=beginner I=intermediate A=advanced

BEGINNING FOOD & NUTRITION PROJECTS

459 I Spy In the Kitchen **B,★**
Use kitchen basics including shopping for and measuring recipe ingredients to safely prepare and serve food. You will learn about the Food Guide Pyramid and the foods you need to eat each day to be healthy. You will also prepare simple recipes for your friends and family (Ages 8-11).

481 Food & Fitness for Fun **B,★**
Learn to combine information, great recipes, and activities related to food and fitness with a goal for a healthier life. Project Guidelines are found on page 3 of project book. (Ages 8-11)

483 Sports Nutrition 1: On Your Mark! **B,★**
Builds interest in physical activity and good nutrition. Introduces easy food preparation skills to help keep bodies healthy, both physically and nutritionally. Project Guidelines are found on page 4 of project book. (Ages 8-10).

484 Snack Attack! **B,★**
Learn how to select and prepare healthy snacks while learning the ins and outs of MyPyramid, an important guide to making healthy food choices and being physically active. Project Guidelines are found on page 4 of project book. (Ages 8-10).

487 Fast Break for Breakfast **B,★**
Members learn the importance of eating breakfast. Menu planning, food safety and nutrition topics are included in this sport-themed project. Should take one other Beginner Level project before enrolling in this project. Project Guidelines are located on page 1 of project book. (Ages 10-11)

INTERMEDIATE FOOD & NUTRITION PROJECTS

461 Let's Bake Quick Bread **I,★**
Bake delicious quick breads while learning the principles of quick bread preparation. Project Guidelines are located on page 4 of the project book. (Ages 11-13)

JUDGING: Bring a full loaf of quick bread or six muffins.

463 Sports Nutrition 2: Get Set **I, ★**
Expand knowledge of being the best athlete you can be with this intermediate level project. Members learn how to increase fitness levels, identify nutrient rich foods, select the best beverage when exercising, and gauge how and when to fuel the body for physical activity. Project Guide is found on page 4 of the project book.

472 Grill Master **I,★**
Progress from grill apprentice to grill master as you focus on the safe use of a grill while preparing delicious meals. By completing six activities and a selection of recipes, you'll learn about portion sizes, cooking meat to safe temperatures, and using gas and charcoal accessories all while preparing complete meals. Project Guide is found in the front of the project book.

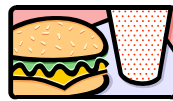
475 Star Spangled Foods **I,★**
Discover the customs and traditions that influence some favorite American foods, and the way we like them, by experimenting with keeping and serving food at its best. Project Guidelines are located on page 2 of the project book. (Ages 12-14)

477 Party Planner: A 4-H Guide to Quantity Cooking **I,★**
This project lets you in on the secrets of successful party planning. These eight activities and a selection of recipes show you how to plan, budget, and safely prepare foods for large groups. Project guide is found on page 3.

482 Food & Fitness Choices for You **I,★**
Combine information, great recipes, and activities related to food and fitness with the goal of a healthier life. Project Guidelines are located on page 2 of the project book. (Ages 12-14).

485 Racing the Clock to Awesome Meals! **I,★**
Focus on the knowledge and skills needed to prepare quick, nutritious, low-cost meals. Builds basic food preparation skills so that youth can tackle difficult recipes while being creative with ingredients. Project Guidelines are located on page 3 of the project book. (Ages 11-13).

486 Dashboard Dining: 4-H Guide to Healthful Fast Food Choices **I,★**
New in 2012! Look at fast food in a whole new light! This project book shows you how to make fast food menus part of a healthy lifestyle. From understanding true food portions and healthful choices to "designing" your meals with your new nutrition knowledge. Project Guidelines in book.



ADVANCED FOOD & NUTRITION PROJECTS

462 Yeast Breads on the Rise **A,★**
Master the art of baking delicious breads using yeast, find out why breads rise when you add yeast, and the nutritional value of those breads. Project Guidelines are located on page 5 of the project book. (Ages 14 and older).

JUDGING: Bring a full loaf of yeast bread or six yeast rolls.

467 You're the Chef **A,★**
Prepare creative, nutritious and economical meals using the oven, range top, microwave, slow cooker, and stir fried foods. Vegetarian and deli food selections are also included. Project Guidelines are found on page 3 of project book. (Ages 14 and older)

469 Global Gourmet **A,★**
Enjoy the many flavors of foods from around the world. Gain a better understanding of our world by exploring food history, customs, and various nutritional needs around the globe. Complete Project Guidelines located on page 2 of the project book. (Ages 14 and older).

476 Pathways to Culinary Success **A,★**
Members taking this advanced level project should have completed projects at the beginner and intermediate levels. This project will explore a variety of experiences to gain a basic understanding of culinary arts. Learn about techniques used by cooks and chefs in preparing foods, using basic equipment, preparing meats, stocks, sauces, pies and pastries, garnishes, and preparing meals with appeal!



JUDGING: Bring your completed project presentation/journal.

Healthy Living

General Guidelines

JUDGING: Judged at Miscellaneous Project Judging. Members must bring completed project book and an educational display of what they learned. Along with above judging requirements, bring a one-page report.

FAIR: Display a poster, exhibit, or a finished product from the project in your 4-H club booth or in the county miscellaneous booth in the youth building.

300 You're the Athlete

I,★

This is a 4-H project for youth that participate in sports and adults that work with them. Through this project, members learn the fundamentals of being a well-rounded athlete. Sportsmanship, Time Management, Goal Setting, Nutrition and Sports, Strength and Conditioning, Leadership, Conflict Resolution, and Career in Athletics are topics covered in this project. This project may be completed individually, with a team, or a group. Project may be taken for multiple years.



351 Staying Healthy

B,★

Explore your body and learn how to keep it healthy. You'll have fun learning to keep fit, increase your brain power and express yourself in positive ways.

352 Keeping Fit

I,★

Develop a personal fitness plan to gain the benefits of exercise and test your fitness knowledge.

353 First Aid in Action (3rd-5th grade)

B,★

Learn about first aid and create your own family first aid kit.

357 Alcohol and Drug Abuse

A,★

New in 2012! Member will examine the hazards associated with the consumption of alcoholic beverages and drug use. Complete the Project Guidelines listed in project book.

358 The Truth About Tobacco

A,★

In this advanced-level project youth are asked to complete eight activities that cover the physical effects of tobacco use, and how tobacco products are made, marketed and consumed in America. The project guide is found on page 4.

Home Living

General Requirements

JUDGING: *Judged during MISCELLANEOUS Judging.* Be prepared with your completed project book, records of activity, accurate time sheets, itemized cost analysis, and before, during, and after pictures. A notebook is an excellent way to organize and display your records and pictures. Be prepared to discuss what was learned.



FAIR: Display an item made, a poster or a small educational display in your 4-H booth or in the county miscellaneous booth in the youth building.

Recommended Poster Size 14"x22"

491 Adventures in Home Living

B,★

This project is recommended for younger members. You will learn to use good design principles in making simple changes in the furnishings or accessories in a room.

JUDGING: Along with the above requirements, please bring two items made.

494 Make Over My Space

I,★

New in 2012! Ready to make a big change in your bedroom or a common room in your home? This project, which is all about room makeovers, is intended for members with little or no design experience who are old enough to complete a significant interior decorating project independently. Ten project activities cover planning, design basics, color, flooring, walls, windows, and lighting.

JUDGING: Be prepared with your completed project book, a notebook or portfolio of your project makeover. Be prepared to discuss what you learned.

495 Your First Home Away from Home

A,★

This project is for members ages 15 and older. You will use the knowledge, ideas, and principles of housing, furnishings, management, and equipment, in planning your first room at college, your first apartment, house, etc. Project Guidelines are on page 4 of the project book.

JUDGING: Be prepared with your completed project book, a notebook or portfolio of your anticipated plan for your housing, an itemized total cost analysis, a poster or collage of three items purchased, made, or remodeled, and a projected yearly budget. Be prepared to discuss what you learned.

Leadership & Citizenship

General Requirements for Government Project

JUDGING: Judged at Miscellaneous Project Judging. Bring completed notebook, scrapbook, or journal that summarizes experiences. Be prepared to answer questions about your experiences.

FAIR: Member will make a display or poster which can be exhibited at the fair.



1014J County Government I (County Project Only)

Member will attend a project orientation meeting; learn about how county government operates by spending a full day in June with a County Commissioner, touring various government departments. Member will also choose a county government department to observe and visit for one day; and keep a record of activities and experiences.

1014S County Government II (County Project Only)

Member must have taken County Government I before enrolling in County Government II. Member will develop a special interest project with guidance from a County Commissioner to do advanced study of some area of local government. Examples of topics are: court systems, four levels of local government, auditor duties, sheriff responsibilities, engineer responsibilities, land issues, Board of Elections, legislation, special projects and grants, or current issues (finances, land development, annexation, tax increment financing, tax abatement, etc.). This project can be taken multiple years using a different focus each year. Member will keep a record of activities and experiences.

X-all levels B=beginner I=intermediate A=advanced

LEADERSHIP

(Required project for ALL Junior Leadership Club Members,
Project may be taken through JL or your 4-H club)

****General Requirements for ALL Leadership Projects****

JUDGING: You must have your completed project book with you and be prepared to discuss what was learned. Judging will be done at the Miscellaneous Project Judging. Bring poster or display showing what was learned in the project.

FAIR: Make a poster display of photos showing what you learned, or a display showing you "in action" with the local 4-H club or at county events.

370 One-on-One **A, ☆**
Designed for 13-19 year old members with at least two years 4-H experience. Member will mentor a first or second year member. As a mentor, you must complete a series of learning experiences with your protégée. Project Guidelines are listed on page 3 of the project book.

371 4-H Club Teen Leadership **A, ☆**
Designed for 13-15 year old members. Work with a 4-H advisor and develop an individual plan for obtaining leadership skills. Project Guidelines are located on page 3 of the project book.

372 Multi-Level 4-H Teen Leadership **A, ☆**
Teens complete responsibilities in local, county and state 4-H programs, especially appropriate for teens in Jr. Leadership Club or other leadership programs. Project Guidelines are listed on page 3 of the project book. This project may be repeated.

373 Teen Leadership on the Job **A, ☆**
Designed to help teens who are employed to develop knowledge, attitudes, and skills to "Make the Best Better" on the job. Complete areas 1-4 for the first year and 5-7 for the second year. Guidelines are located on page 1 of the project book.

374 Teen Boardmanship **A, ☆**
Designed for teens that serve or are interested in serving on a board or on committees. Teen will gain skills in working with groups, and gain a better understanding of how to fulfill their roles and responsibilities. Project Guidelines are listed on page 3 of the project book. (Good for teens on committees, Junior Fair Board, Student Council, etc.)



377 Speak Out **A, ☆**
Designed to help teens who are interested in serving on 4-H Awareness Teams or Ambassadors and developing their abilities in public relations by working with non-4-H groups and organizations. Project Guidelines are listed on page 1 of the project book.

378M Leadership Master **A, ☆**
New in 2012! Designed for teens who want leadership experiences different from the opportunities provided through other 4-H leadership projects. 4-H teens who complete this project should have enough previous leadership experience (ie. having completed at least 3 leadership projects) to be able to plan and complete this advanced-level project on their own with minimal supervision or assistance.

Recommended Poster Size 14"x22"

Money Management

****General Requirements****

JUDGING: Judged at Miscellaneous Project Judging. Bring completed project book with records of income and plans for use of money. Be prepared to discuss what was learned.

FAIR: Member may exhibit a poster or small educational display in their 4-H club booth or in the county miscellaneous booth in the youth building.

445 Becoming Money Wise **B, ☆**
Monitor your cash flow and see where your money goes by developing a budget and good records to become a responsible consumer. Project is designed for 10-13 year old members. Project Guidelines are found on page 2 of this project book. Mark on your enrollment form 1st or 2nd year in the project.

446 Money Fundamentals **I, ☆**
Book 1 for ages 12-13. Identify your money personality and values and apply this information on setting goals, identifying wants and needs, and communicating about money issues.

447 Money Moves **I, ☆**
Book 2 for teens age 14-15. We all need money. This project prepares you to become confident in your uses of money, the benefits and drawbacks of services, how advertising influences you, and the art of being a savvy consumer. Project 446 should be completed prior to this.

448 Teens...On the Road to Financial Success **A, ☆**
This project is recommended for 14-18 year old members. Member will keep a record of their finances in this project for at least three months and up to one year. Project Guidelines are located on page 2 of the project book. This project is designed to be taken for one or two years.

Natural Resources

GARDENING AND PLANT SCIENCE

(May exhibit at the State Fair in Open Class-Junior Fair)

670 Canning & Freezing **I, ☆**
New in 2012! Explore water bath canning and freezing home preservation methods with this interesting and informative project book (Pressure canning is not included.) Learn how pH determines which canning method to use, become familiar with canning equipment and when fruits and vegetables are in season, and preserve produce using the freezing method. Members must have access to a current, reliable home food preservation guidebook.

JUDGING: Project will be judged at Miscellaneous Judging. Bring completed project book and a sample of your food preservation. Be prepared to discuss what was learned.

671 How Does Your Garden Grow **B, ☆**
Designed for youth with limited or no experience in flower gardening. Project Guidelines are found on page 3 of project book.

JUDGING: Project will be judged during the summer in the member's garden. Be prepared to answer questions about

X-all levels B=beginner I=intermediate A=advanced

your garden. A weed-free and well-designed bed is a plus! Your project book must be completed.

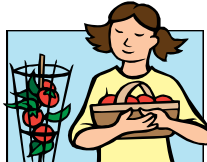
FAIR: Bring a flower arrangement made from flowers taken from the garden and display it in your 4-H club booth or in the county miscellaneous booth in the youth building.

691 Vegetable Gardening I

B

Member will plant four different varieties of vegetables and learn what conditions are needed for them to grow. Project Guidelines are located on page 1 of the project book.

JUDGING: Project will be judged during the summer in the member's garden. A judging schedule will be mailed in June. Be prepared to answer questions about your garden. Judges will look for four different varieties of vegetables. Garden should be free of insects and weeds. Your project book must be completed.



FAIR: Make an educational display or poster for exhibit in the club booth or county miscellaneous booth.

692 Vegetable II – Growing with the Seasons

I

Learn to make the most of your garden space by planting seasonal crops. Members must grow a minimum of three (3) vegetable varieties for each growing season: cool, warm, and cold tolerant. A good project for members that are interested in expanding their commitment to growing and preserving home-grown fruits and vegetables. Complete Project Guidelines are located on page 3 of the project book.

JUDGING: Project will be judged during the summer in the member's garden. A judging schedule will be mailed in June. Be prepared to answer questions about your garden. Judges will look for three (3) varieties of vegetables for each growing season: cool, warm, and cold tolerant. Garden should be free of insects and weeds. Your project book must be completed.

FAIR: Make an educational display or poster for exhibit in the club booth or county miscellaneous booth.

THE NATURAL WORLD

General Natural World Requirements

JUDGING: Judged at Miscellaneous Project Judging. Make an exhibit or poster of something you learned in this project. Be prepared to answer questions and bring your completed project book.

FAIR: Display a poster or exhibit in your 4-H club booth or in the county miscellaneous booth in the youth building.

611 Let's Explore the Outdoors I

B, ☆

Learn about plants, trees, insects and animals that live in the woods, streams and fields. Learn why conserving nature is important. Complete the Project Guidelines listed on page 3 of the project book.

613 Exploring Our Forests

I, ☆

Find out about forest products and identify trees and forest enemies by studying the healthy relationship of forests to wildlife, water and soil.

614 Tree Planting

I, ☆

Member will plant 10-200 trees for wood products, to aid conservation, and to protect wildlife. Complete Guidelines listed on page 3 of the project book.



JUDGING: Make a poster "map" of where trees are planted or will be planted. "Before" and "after" pictures are helpful. Bring your completed project book with you and be prepared to answer questions.

617 Exploring Ohio Ponds

B, ☆

Member will develop an appreciation of the water cycle and the impact of pond ecology on a healthy environment by visiting a pond and learning by observation.

JUDGING: Make a poster or educational exhibit on the water cycle, pond management, or pond construction. Be prepared to answer questions about what was done. Bring your completed project book.

621 Ohio Birds

B, ☆

Observe and identify birds with bird feeders in your yard and on field trips to see the many benefits our feathered friends provide. (Federal and state laws prohibit the collection of birds, nests, eggs, etc. without a scientific collectors permit). Complete Project Guidelines listed in the front of the project book.

JUDGING: Make and bring to judging a poster or educational display about something learned in the project, and a feeding station as described in the project book.

622 Trapping Muskrats in Ohio

I, ☆

Learn about muskrats and how to ethically and humanely trap them. Also learn about the biology and behavior of muskrats. Complete Project Guidelines listed in the front of the project book.

623 Fishing for the Beginner

B, ☆

Member will learn about Ohio fish and how to catch them. Complete the Project Guidelines listed on page 4 of the project book.

624 Fishing for the Intermediate

I, ☆

Member will learn more details about fishing, equipment used, and conservation. Complete Project Guidelines listed on page 4 of the project book.

641 Beekeeping Project and Record Book

X, ☆

Members will learn colony care and management in this project. First-year "beekeepers" are not required to have their own hives but do need project helpers who are beekeepers. Requires outside resources.

644 Exploring Our Insect World I

B, ☆

Member will collect, mount, and label 25 different species representing eight different orders. This is a beginning level project designed for member's ages 9-12. Complete Project Guidelines listed on page 4 of the project book.

JUDGING: Judged at Miscellaneous Project Judging. Make an exhibit of 25 insects, representing at least eight orders. Insects should be neatly and correctly labeled. Bring your completed project book and be prepared to answer questions. Please do not use insects caught and mounted by others.

645 Exploring Our Insect World II

I,★

Member will expand their insect collection beyond the 25 different species and study insects' helpful and harmful effects on the environment. This intermediate-level, multi-year project is for members 12 to 19 years old. Complete Project Guidelines listed on page 5 of the project book.



JUDGING: Judged at Miscellaneous Project Judging. Make an exhibit of approximately 50 insects in eight orders. Insects should be neatly and correctly labeled. Be prepared to answer questions. Members may use insects caught in Unit 1, but please do not use insects caught and mounted by others. Bring your completed project book.

SHOOTING SPORTS

General Requirements for Shooting Sports

JUDGING: Judged at Miscellaneous Project Judging. Members should bring a poster or exhibit that tells about the project. Be prepared to answer questions about the project and bring completed project book with you. **DO NOT BRING A GUN OR ANY PARTS OF A GUN TO JUDGING. DO NOT BRING BOW AND ARROWS TO JUDGING.**

FAIR: Display your poster/exhibit in your 4-H club booth or in the county miscellaneous booth in the youth building.

630 Safe Use of Guns

B,★

Learn the importance of gun safety. You could save your life or the life of someone you love. This is a beginning level project for 4-H members that have an adult who can supervise their shooting. Complete Project Guidelines listed on page 3 of the project book.

JUDGING: DO NOT BRING A GUN OR ANY PARTS OF A GUN TO JUDGING.

631 Basic Archery

B,★

Aim your energy toward a sport that develops knowledge and skills in archery safety. This is a beginning level project for members who have an adult to supervise their shooting. Complete Project Guidelines listed on page 5 of the project book.

JUDGING: DO NOT BRING BOW AND ARROWS TO JUDGING.

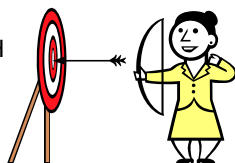
OHIO 4-H SHOOTING SPORTS PROGRAM

JUDGING: Judged at Miscellaneous Project Judging. Make a poster or exhibit of something you learned in this project. Be prepared to answer questions about the project. **DO NOT BRING FIREARMS/AMMUNITION TO JUDGING.** Bring completed project book.

FAIR: Member may display a poster or small educational exhibit in the Shooting Sports booth in the youth building.

Shooting Sports Record Books

These record books will help 4-H members set goals for the year and keep an accurate record of their work and their accomplishments.



Recommended Poster Size 14"x22"

Project literature is available only to adults who have completed a 4-H Shooting Sports Training Workshop. Members must be enrolled in a 4-H Club and attend meetings with Hancock County Shooting Sports instructors.

750	Rifle Record Book	X,★
751	Archery Record Book	X,★
752	Shotgun Record Book	X,★
753	Pistol Record Book	X,★
754	Hunting and Wildlife Record Book	X,★
755	Muzzle Loading Record Book	X,★
756	Living History	X,★

Science, Technology, Engineering & Math (STEM)

AEROSPACE

General Requirements for Aerospace

JUDGING: Refer to Miscellaneous Project Judging schedule for judging date.



FAIR: Display your rocket, airplane, or an educational display in your 4-H club booth or in the county miscellaneous booth in the youth building.

501 Rockets Away – for 2-Liter Bottles

B,★

Study the science of rocketry through a variety of hands-on experiments for all ages. Members conclude this project by building and launching 2-liter bottle rockets. If project is taken for more than one year, a DIFFERENT ROCKET MUST BE BUILT. Complete specific project guidelines listed in project book. Check out www.ag.ohio-state.edu/~rockets

JUDGING: Members must bring completed project book and the rocket they designed to judging.

502 Science Fun with Flight

B,★

Member learns about aviation and flight principles by building a model airplane or glider and participating in various activities in the book. Complete specific project guidelines listed on page 2 in project book. Check out www.ag.ohio-state.edu/~flight

JUDGING: Members should bring airplane and completed project records, and be able to answer questions about them.

503 Rockets Away – for Estes-type rockets

B,★

Study the science of rocketry through a variety of hands-on experiments for all ages. Members conclude this project by building and launching an Estes-type rocket from scratch or a kit.

JUDGING: Members must bring completed project book and the rocket they designed to judging.

ALL TERRAIN VEHICLES CATV

555 ATV Safety

X,★

Appropriate for all age levels, these lessons rely in large part on information from the ATV Safety Institute and are designed to put safety first. Covers getting familiar with your

X=all levels B=beginner I=intermediate A=advanced

ATV, protective gear, riding techniques, safe strategies and safe practices, and respecting the environment. Includes practice records.

BICYCLE / UNICYCLE

General Requirements for All Bicycle Projects

JUDGING: Bicycle projects are judged by interview at Miscellaneous Project Judging. Bring completed project book and poster or educational display.

FAIR: Display a poster or educational exhibit in your 4-H club booth or in the county miscellaneous booth in the youth building.



517 Bicycling for Fun, Level 1

B,★

Become acquainted with types and parts of bicycle(s) and how to adjust it to fit your body as well as cycling gears, rules of the road and more. Complete specific activities listed in the planning guide on page 3 of the project book. This project is designed for younger members.

518 Wheels in Motion, Level 2

I,★

Member will learn tips on buying and maintaining a bike. Learn new skills for safe riding. Complete specific activities listed in the planning guide on page 2 of the project book.

1006 Unicycling (County Level Project)

Member will learn how to operate and perform on a unicycle. Member must belong to the W.O.W. 4-H Club.

JUDGING: Judging will be established by the advisor, and the 4-H Office.

FAIR: Display an exhibit in your 4-H club booth in the youth building.

ELECTRICITY – Electric Group Activity Guide Available

General Requirements for Electricity

JUDGING: Refer to Miscellaneous Project Judging Schedule for judging date. Member should bring completed project book and a poster or educational display demonstrating what was learned. Be prepared to answer questions.

FAIR: Member may display exhibit/poster in their 4-H club booth or in the county miscellaneous booth in the youth building.

527 Magic of Electricity, Level 1

B,★

Explore the world of electrical energy. Build your own circuits using batteries, light bulbs, and wire. Learn the difference between what's science and what's magic. Complete Project Guidelines listed on page 4 of the project book. Project may be repeated to complete all the activities.

528 Investigating Electricity, Level 2

I,★

Put on your detective cap and try your hand at decoding circuit diagrams. Investigate the difference between series and parallel circuits as you build switches and learn to solder strong connections. Complete Project Guidelines listed on page 4 of the project book.

529 Wired for Power, Level 3

I,★

Power up your knowledge on electrical energy used around the home. Test for grounding, trace the circuitry, and

calculate circuit load on the electrical outlets in your home. Complete Project Guidelines on page 4 of the project book.

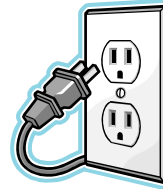
530 Entering Electronics, Level 4

A,★

Have fun exploring the fundamentals of electronics. Learn the difference between a resistor and a capacitor. Build your own intruder alarm or amplifier. Take after 528 has been successfully completed. Complete Project Guidelines listed on page 4 of the project book.

531 Science Fun with Electricity

B,★



Beginning Electricity project includes 11 kid-friendly and time-tested experiments about static electricity, currents, electromagnetism, electric motors, and electric light. Each experiment has a brief introduction, a supply list, and step-by-step instructions that bring an electrical concept to life. Includes a complete list of

supplies and a cross-reference with Ohio science education standards.

FOOD SCIENCE

490 Science Fun with Dairy Foods: The Case of the Missing Milk!

B,★

Revised in 2012! Your kitchen will become a laboratory as you observe and experiment with dairy products. You will learn the science behind butter, cheese, and curds. Guidelines are in book.

JUDGING: Judging will be held during Foods Day.

RADIO CONTROLLED VEHICLES

504 Electric Radio Controlled Vehicles

I,★

This project is designed as a two-year project for both new and experienced members in radio controlled vehicles. For youth who own and operate radio controlled cars and trucks. Member should research, purchase and assemble their kit (car). Member will complete Project Guidelines listed in the project book on page 3. Check out

<http://4hengineering.osu.edu/>

JUDGING: Refer to the Miscellaneous Project Judging Schedule for judging time. Please bring your vehicle and your completed project book to judging.



FAIR: Member may display exhibit in their 4-H club booth or in the county miscellaneous booth in the youth building.

ROBOTICS

General Requirements for Robotics

JUDGING: Refer to Miscellaneous Project Judging Schedule for judging time. Bring completed project book and robot. Be prepared to demonstrate challenges and answer questions about the project.

FAIR: Member may display exhibit in their 4-H club booth or in the county miscellaneous booth in the youth building.

NOTE: Some Robotics kits are available at the 4-H Office (deposit required).

Recommended Poster Size 14"x22"

X-all levels B=beginner I=intermediate A=advanced

509 Robotics 1: NeXT Technology I,★
This project features LEGO Mindstorms NXT. Youth learn about robots, how to build one, and how to program it to interact with its environment via touch, sound, light and ultrasonic sensors. Activities are based on Kit 9797, available from LEGO Education for about \$300. Check out <http://www.ohio4h.org/robotics/>.

510 Robotics 2: NeXT Steps A, ★
New in 2012! LEGO NXT robot constructed for Robotics 1: NeXT Technology is required (no new LEGO purchase is necessary). Guides youth through new robot configurations and programming challenges with activities in the book and with online instructional videos. A computer for running the programming software and Internet access for watching videos are required.

ROPE

540 Rope X,★
Member will learn to tie many knots, hitches and splices and apply what they learn to make lassos, halters, macramé and wire rope. Project Guidelines are listed on page 3 of this project book. Check out <http://4hengineering.osu.edu>

JUDGING: Refer to Miscellaneous Project Judging Schedule for judging time. Member should make and bring a rope exhibit consisting of ten (10) knots or splices, labeled and neatly mounted on a board. Member should be prepared to show the judge how to tie various knots, and be able to answer questions about the project. Bring completed project book with you.

FAIR: Member may display their exhibit in their 4-H club booth or in the miscellaneous booth in the youth building (if their club does not have a booth).

SMALL ENGINES AND LAWN CARE

4hengineering.osu.edu

****General Requirements for Small Engines & Lawn Care****

JUDGING: Judged at Miscellaneous Project Judging. Member will need to bring completed project book and an educational display or poster. Be prepared to answer questions.

FAIR: Display an exhibit in the member's 4-H club booth or in the county miscellaneous booth in the youth building.

541 Crank It Up! B,★
This is designed to help members learn more about engine parts, tools of the trade, and safety. Members should do at least seven activities a year so this project may be taken for up to two years. Project Guidelines are found on page 2 of the project book.

542 Warm It Up! I,★
This project is designed to help members learn more about different engine types, internal parts, engine size, compression, safety and more! Members should do at least seven activities a year so this project may be taken for up to two years. Project Guidelines are located on page 3 of the project book.

543 Tune It Up! A,★
This project is designed for members to learn more about tearing down and rebuilding an engine. Member will learn

Recommended Poster Size 14"x22"

about using diagnostic tools, selecting an engine and potential careers involving work with small engines. Project Guidelines are located on page 3 of the project book.

548 Lawn Care X,★
Member will learn how to care for lawns. Activities include seeding, weeding, fertilizing, and mowing. Check out 4hengineering.osu.edu

TRACTOR AND MACHINERY OPERATION

****General Requirements for Tractor & Machinery Operation****
JUDGING: Judged at Miscellaneous Project Judging. Member will need to bring completed project book and an educational display or poster. Be prepared to answer questions.



FAIR: Display an exhibit in the member's 4-H club booth or in the county miscellaneous booth in the youth building.

551 Tractor 1: Starting Up B,★
Designed for youth with little or no prior agricultural tractor and equipment experience. Youth learn parts of a tractor, tractor maintenance, different fuels, engine cooling systems, safety with augers, and more.

552 Tractor 2: Gearing Up for Safety I,★
Designed for youth with some agricultural tractor and equipment experience. Includes farm and tractor safety, tractor maintenance, mechanics of the engine, accessory equipment, and functions of different operational systems.

553 Tractor 3: Moving Out I,★
Designed for youth with some agricultural tractor and equipment experience. Teaches safety, maintenance, different types of oil systems, fuel safety, and PTOs.

554 Tractor 4: Learning More A,★
Contains more opportunities to learn about mechanics, operational systems, safety, maintenance, and farm equipment.

WELDING

4hengineering.osu.edu

573 Arcs & Sparks – Shielded Metal Arc Welding I,★
Learn about safety, selection of equipment and materials, and fabricating techniques with shielded metal arc welding. Take part in at least two learning experiences and two citizenship/leadership activities. Write a one-page report telling what was learned in the project. Project Guidelines are listed on page 3 of the project book. Project may be taken more than one year.



JUDGING: Bring completed project book and item(s) welded. Be prepared to discuss what was learned in the project. Items must be made according to book instructions. Two participants will be selected for state fair.

FAIR: Make a poster or educational display telling what was learned in the project. May display items welded as part of project.

X=all levels B=beginner I=intermediate A=advanced

****General Requirements for Woodworking****

JUDGING: Judged at Miscellaneous Project Judging. The member should bring completed project book and at least one item made from the plans in the project book, or a comparable item requiring the same skills as contained in the book. Be prepared to answer questions.

FAIR: Member may display one item in their 4-H club booth or in the county miscellaneous booth in the youth building.

556 Measuring Up (Level 1) B,★
This is a beginning level woodworking project through which members will learn about tools, safety, wood and basic skills. Planning Guide and Achievement Guidelines are found at the start of the project book.

557 Making the Cut (Level 2) I,★
Member will use some common hand and power tools to make items while showing off skills with a T-level, miter box, wood chisel, hand jig saw, scroll saw, staple gun and power sander. Planning Guide and Achievement Guidelines are included in the project book.

558 Nailing It Together (Level 3) A,★
Member will build the skills necessary for working with new tools and completing more difficult projects. Items made should show that you have learned how to use some of the following tools: circular saw, radial arm saw, table saw, router, hand plane, power stapler, pipe clamps, and adjustable bar clamps. Planning Guide and Achievement Guidelines are included in the project book.



559 Finishing Up (Level 4) A,★
Member will fine tune their woodworking skills and further explore the opportunities available in the woodworking field. Items made should show that you have learned how to use some of the following tools: power router, various planers, and power jointer. Member will also learn about veneer and common adhesives as well as stripping and repairing wood. Planning Guide & Achievement Guidelines are included in the project book.

Self-Determined

365 Self-Determined Project A,★
The 4-H Self Determined Project is an opportunity for members to go beyond the scope of their current project or explore a topic that is presently unavailable as a project book. Check out <http://www.ohio4h.org/selfdetermined/>. Idea starters are available at the Extension Office. Idea starters are not mandatory.

In this project, member will determine the subject matter and develop his or her own goals. The Extension Office must be notified of the area of the project by May 1 of the current year.

JUDGING: Refer to Miscellaneous Project Judging Schedule. Member will interview with the judge & should bring anything that will help to show project work completed.

Recommended Poster Size 14"x22"

Judging criteria is more about the process followed in completing the project rather than the product made.

FAIR: A small educational exhibit or poster may be exhibited in the member's 4-H club booth or in the county miscellaneous booth in the youth building.

Idea Starters:

- 365.01 – Astronomy
- 365.02 – Model Railroading
- 365.03 – Weather
- 365.04 – Clowning
- 365.05 – Rocks, Minerals, and Fossils
- 365.06 – American Sign Language – New in 2012!
- 365.07 – Computers
- 365.08 – Discovering Genetics
- 365.09 – Canoeing
- 365.10 – Local Foods: Does It Matter What You Eat?
- 365.11 – Camp Counseling
- 365.12 – Digital Imaging
- 365.13 – Reptiles and Amphibians
- 365.14 – Climate Change
- 365.16 – Viruses, Bacteria, and Fungi, Oh My! – New in 2012
- 365.17 – Babysitting
- 365.18 – Ways to Knowing Water
- 365.19 – The World of Work is Calling . . . Are you Ready?
- 365.21 – Skateboarding – New in 2012!
- 365.22 – Pigeons – New in 2012!
- 365.23 – Native American Artifacts – New in 2012!
- 1004 – Recreational Dance
- 1665 – Self Determined Crops

Workforce Preparation

379 Get in the Act! Take 1 B,★
Designed to help middle school children explore what it takes to get their first paying job. Youth make "real life choices" using video scenarios.

JUDGING: Judged at Miscellaneous Project Judging. Bring project book and at least one example of a completed activity. Include a poster illustrating information learned.

FAIR: Member may display a poster or item that they made in their 4-H club booth or in the county miscellaneous booth in the youth building.



I pledge my head to clearer thinking,
my heart to greater loyalty,
my hands to larger service,
my health to better living,
for my club,
my community,
my country,
and my world.

X-all levels B=beginner I=intermediate A=advanced

Awards & Recognition for 4-H Members

4-H believes competition is an excellent motivator. A member recognition system has been implemented that offers appropriate recognition for all members.

1. **4-H Member Completion Certificates** – Each 1st year member receives a 4-H certificate and pin. Members receive certificates for all other years.
2. **Honorable Mention** – Special ribbon is presented at Judging Event for members who excelled in project work but not selected for State Fair.
3. **Reserve Champion** – This is the runner-up to the State Fair. A special rosette is presented to this county award winner.
4. **Grand Champion** – This project is selected as the best overall project and where there is an Ohio State Fair activity for the project, is designated as the State Fair delegate. A special rosette is presented in this category.
5. **Secretary/Treasurer Awards** – Secretaries and treasurers of county clubs can submit their record books to receive outstanding awards. These books are due to the Extension Office by September 15th of the current year.
6. **Individual Honor Awards** – Members may work toward earning various awards in a progressive program by participating in various activities and events and then completing an Individual Honor Award application form which is due September 17th of the current year.
7. **County Livestock Award** – This award is given to members who excel in their livestock knowledge and project work. To receive this award the member must complete the Hancock County Livestock Project Award Form.
8. **County Non-Livestock Award** – This award is given to members who excel in their project knowledge and project work. To receive this award the member must complete the Hancock County Non-Livestock Project Award Form.
9. **4-H Educational Workshops and Activities** – A variety of workshops are held each year to enhance learning & project work.
10. **Hancock County Fair** – A variety of activities are available to members at the county fair. Participating in the Hancock County Fair is NOT a completion of the 4-H project. The fair is an opportunity to share the accomplishments of each member.
11. **4-H Junior Camp & Teen Camp** – 4-H summer camping experiences are offered for members of all ages at 4-H Camp Ohio and other 4-H camps.
12. **Frozen Food Sales** – Members can earn 4-H Camp Credits and awards by selling frozen food.
13. **4-H Contests** – Members may receive awards and gain valuable experience by entering various contests such as: Public Speaking, Health Skits, Demonstrations, and General Livestock Judging.
14. **Junior Fair Board** – Older members are selected to assist in planning and conducting Junior Fair activities. Applications are due in September each year.
15. **Junior Leadership Club** – Older members (14 years or older as of January 1st of the current year) may participate in the Hancock County Junior Leadership Club. Members will develop leadership skills while given the opportunity to conduct county events.
16. **Junior Fair King & Queen** – Members 16 to 18 years old may apply and then be interviewed for the titles of Hancock County Junior Fair King, Queen, Prince and Princess.
17. **County Committees** – Older members (14 years and older as of January 1st of the current year) are often asked or can volunteer to work on various committees related to the Hancock County 4-H program (4-H Advisory Council, Horse Council, Goat Council, etc.)
18. **“I Dare You” Award** – Two older 4-H members are recognized each fall for their outstanding achievements in striving to live well-balanced lives. In addition, they have the opportunity to apply to attend an International Leadership Conference. Members are nominated by advisors, complete an application form and are interviewed.
19. **Outstanding 4-H Member Awards** – Two older 4-H members are recognized each fall for their outstanding achievements in 4-H. Members are nominated by advisors, fill out an application form and are interviewed.

For more information – Please contact the Hancock County Office of Ohio State University Extension at 419-422-3851.

Opportunities for Adult 4-H Volunteers

4-H Advisor Volunteer Opportunities – Help with county activities, programs and contests (livestock judging, project judging, project workshops, etc.). Statewide events and 4-H activities at the Ohio State Fair are always in need of additional volunteers.

County Committees –

- 4-H Advisory Council of Hancock County – elected annually during 4-H Advisor Recognition Banquet in November
- Horse Council and Goat Council – parents or advisor of members who take horse or goat projects
- Extension Advisory Committee – several positions available especially for 4-H volunteers.

North Central Regional 4-H Volunteer Forum – 4-H volunteers sharpen their skills, get interesting ideas, meet new people, and have a lot of fun. The regional forum meets in a different city each fall.

Ohio 4-H Hall of Fame Award – This award is to recognize individuals that have made significant lifetime contributions of service to the 4-H program. They should have also made an impact upon local clubs, communities and the state 4-H program. Applications are due to the State 4-H Office by December 1st of the current year.

Ohio 4-H Volunteer Conference and Recognition Luncheon – All 4-H volunteers are invited to attend this one-day workshop where they can choose from over 100 sessions designed to improve their skills. In addition, volunteers with multiples of five years of service to the 4-H program will be recognized at a special luncheon. At this luncheon, winners of the Meritorious Service, Innovator, Community Service, Recruitment and Leadership Development Awards and the Friend of 4-H Award will be recognized. This conference is held each year in March and award applications are due December 1st of the current year.

Outstanding 4-H Alumni Award – Each year this award is presented to at least one individual who was a 4-H member and has made significant contributions to the 4-H program here in Hancock County. Awards are presented at the 4-H Advisors' Recognition Banquet in November.

Outstanding Service to 4-H Award – Each year this award is presented to at least one individual, or business – which was not a 4-H member, but has made significant contributions to the 4-H program in Hancock County. The awards are presented at the 4-H Advisors' Recognition Banquet in November.

For more information – Please contact the Hancock County Office of Ohio State University Extension at 419-422-3851.

Special Reminders

- ☺ No individual may be a 4-H member in two or more counties at the same time. Youth are expected to participate in the 4-H program of their county of residence. However in situations where youth live out of the county, membership considerations will be given by the 4-H Educators in the county of residence and county of participation when a positive educational experience will result. **An Across County Line Application Form must be on file for members residing outside of Hancock County. Resubmit if changes.**
- ☺ The secretary and treasurer books are the only books that must be turned in at the 4-H Office by September 17th.
- ☺ Clubs and/or members entering their 4-H projects in the Hancock County Junior Fair will abide by Junior Fair guidelines.
- ☺ 4-H members should take only those projects that can successfully be completed.
- ☺ **ANY PROJECT MADE FOR COMPLETION OR FOR A GRADE IN ANY OTHER ACTIVITY SUCH AS FFA, FCCLA, SCHOOL, OR SIMILAR ORGANIZATION CANNOT BE ENTERED AS A 4-H PROJECT AT THE COUNTY FAIR OR USED FOR ANY OTHER 4-H JUDGING.**
- ☺ All enrollment forms must be turned in at the Extension Office BY THE 4-H ADVISOR no later than April 1 of the current year.
- ☺ No substitution of livestock may be made after June 1st. **EXCEPTION:** All steers must be selected & on feed by January 1st, and no changes can be made after this time.
- ☺ All 4-H livestock projects (except horses and llamas) must be owned and cared for by the 4-H member. If the member prefers, horses and llamas may be leased. All 4-H livestock projects, including llamas and horses must be under the exclusive care of the member by June 1. For horse projects, a copy of the HORSE lease and HORSE IDENTIFICATION CARD must be on file at the Extension Office by June 1. All members taking a horse project must submit a liability waiver and sign the safety and ethics form prior to riding a horse/pony during a 4-H event. Members enrolled in a llama project must have a LLAMA LEASE AGREEMENT on file at the Extension Office by June 1. (Meat rabbits must be in member's possession by August 1).
- ☺ ALL 4-H projects need to be the work of the individual 4-H member. Help from parents, advisors, and other interested adults is encouraged as long as it is of an educational nature. The final exhibit **MUST** be the work of the member.
- ☺ Any complete or incomplete project information for members **MUST BE TURNED IN BY AUGUST 1** of the current year to the Extension Office.
- ☺ **To receive a Junior Fair Premium:**
 - Your project must be judged & grade submitted to 4-H office by August 1st.
 - You must have an exhibit for each project you have taken at the county fair.