

## MORGAN COUNTY 4-H PROJECT REQUIREMENTS -- AGRICULTURE SPECIAL INTEREST

**M=multi-year    R=repeated    O=one-time only**

**Judging day is Tuesday, July 18<sup>th</sup> @ Fairgrounds**

1. **READ YOUR BOOK AND DO THE ACTIVITIES IN YOUR BOOK** -- Read your project book starting with the Member's Project Guide pages. Ask an advisor or parent if you need help in understanding your book. Neatly complete your book by following the instructions the book gives you. Fill in all the blanks and do the activities it asks you to do.
  
2. **MAKE A DISPLAY ABOUT SOMETHING YOU LEARNED FROM YOUR PROJECT FOR COUNTY JUDGING**-- Make a display to show something you learned from the activities you did in the project.
  
3. **ATTEND 4-H PROJECT JUDGING DAY** -- If you wish to compete for county project awards and be eligible for state fair competition, you will need to attend 4-H Project Judging Day. At project judging day, you will be interviewed by a judge who will ask you questions about things you have learned. You may also be asked to demonstrate your knowledge and skills in your project area.
  
4. **EXHIBIT YOUR PROJECT AT THE MORGAN COUNTY FAIR** -- Your club may choose to have a booth at the fair in which you will exhibit your project. Your club may also decide to include your project book as part of the exhibit. Be sure to ask your advisor about your club booth. Booths must be in place by 12:00 noon Monday of the Morgan County Fair. **You will receive a fair pass and premium money for your project if you have your project judged; receive an A, B, or C grade from your advisor; and have your project exhibited at the fair.**

PROJECT #	PROJECT		STATE FAIR	REQUIREMENTS FOR COUNTY JUDGING	SPECIAL REQUIREMENTS
173	Horseless Horse	R	N	Prepare a display outlining one of the four Interest Areas you chose in your project book	
200 201D 201O 201S 201P 201W	All About Dogs You and Your Dog Dog Obedience Dog Showmanship Performance Dog Working Dog	O	Y <b>Must have dog by April 1</b>	- Completed project book and display  You will need the <i>Dog Project Identification Form and Vaccination Certificate AND Permission to Participate in Ohio 4-H Dog Activities Disclosure and Release of Claims</i> which will be given to you to be completed, signed and returned to the Extension Office <b>by June 1st</b> .  All dogs must be on a leash. Dogs must have all shots up-to-date.	
215 216 217 218 220 227	Cavy Project Purr-fect Pals, Level 1 Climbing Up! Level 2 Leaping Forward, Level 3 Pockets Pets Pet Rabbit	O M M M R R	Y	- Completed project and record book - Educational display such as poster, scrapbook, Small animal with adequate cage and accessories - All small animals (Except birds and reptiles) are to be shown out of their cages. If left in cage, points will be taken off your score and they cannot receive a county placing. - Harnesses and leashes may be used for cats and guinea pigs if exhibitor wishes to do so. - Cats must have rabies and distemper shots before coming to judging. Bring health papers and rabies tag with you.	

PROJECT #	PROJECT		STATE FAIR	REQUIREMENTS FOR COUNTY JUDGING	SPECIAL REQUIREMENTS
244	Vet Science1, From Airedales to Zebras	M	Y	- completed project book and display	
245	Vet Science2, All Systems Go!	M			
246	Vet Science3, On the Cutting Edge	M			
490	Science Fun with Dairy Foods: Case of the Missing Milk	O	Y	- completed project book and display	
493	Science Fun with Kitchen Chemistry	O	Y		
500	Science Fun with Physics	O	Y	- Completed project book and display	
501	Rockets Away (2-liter bottle rockets)	O	Y	Build model rocket, airplane or assemble a Radio Controlled Vehicle or prepare a display or poster to illustrate a phase of project you learned	503M - Design, build and fly a solid-propellant model rocket different from a kit
502	Science Fun with Flight	O	Y		
503	Rockets Away (for solid-fuel type)	O	Y		
503M	Solid-Fuel Rocketry Master	O	Y		
509	Robotics Essentials	R	Y	-completed project book and display -509 Robotics Essentials- construction of a LEGO® Spike™ Prime or VEX robot - 512M Robotics Master - Plan, design, build, program, and evaluate at least one robotics project different from what you can make within the guidelines of other 4-H robotics projects, or require specialized or professional-level skills to complete.	
512M	Robotics Master	R			
517	Bicycling for Fun, Level 1	M	N	- completed project book and display	
518	Wheels in Motion, Level 2	M			
527	Magic of Electricity	M	Y	- completed project book, handouts and display	
528	Investigating Electricity	M			
529	Wired for Power	M			
530	Entering Electronics	M			
531	Science Fun with Electricity	O			
540	Not Just Knots	R	Y	- completed project book and display - a piece of rope to demonstrate knots	Activity 17 on page 50 outlines options for your display.
541	Crank It Up	M	Y	- completed project book and display	
542	Warm It Up	M			
543	Tune It Up	M			
544	Ready, Set,...Mow!	R			
550	Young Engineers in Solar Energy	O	Y	- completed project book and display	
551	Tractor 1: Starting Up	O	Y	- completed project book and display	
552	Tractor 2: Gearing Up for Safety	O			
553	Tractor 3: Moving Out	O			
554	Tractor 4: Learning More	O			

PROJECT #	PROJECT		STATE FAIR	REQUIREMENTS FOR COUNTY JUDGING	SPECIAL REQUIREMENTS
555	ATV Safety	R	N	- completed project book and display	
556	Measuring Up – Level 1	M	Y	- completed project book and item that you made along with blueprints for items you designed - exhibit a project which shows you have learned how to use hand tools including: Rule, Squares (Utility, Framing, Combination); Hand Crosscut Saw; Drill; Clamps (C, Steel Bar); Wood File; Rasp; Hammer; Nail Set. Use of all tools is not required. OR Make one item you designed yourself using <u>ONLY</u> the <u>hand tools</u> listed above.	
557	Making the Cut – Level 2	M	Y	- completed project book and item you made along with blueprints for items you designed - exhibit a project which shows you learned how to use tools including: Steel Tape, T-Bevel, Miter Box, Wood Chisels, Hand Jig Saw, Back Saw, Scroll Saw, Hand Stapler, Power Stapler, Power Sanders, Paint brush, Single and Double Incline Planes. Use of all tools is not required OR Make one item you designed yourself using <u>ONLY</u> the tools listed above.	
558	Nailing It Together – Level 3	M	Y	- completed project book and item that you made along with blueprints for items you designed - exhibit a project which shows you have learned how to use tools including: Mallot, Radial Arm Saw, Table Saw, Circular Saw. Use of all tools is not required OR Make one item you designed yourself using the tools listed above and skills learned.	
559	Finishing It Up – Level 4	M	Y	- completed project book and item that you made along with blueprints for items you designed - exhibit a project which shows you have learned how to use tools including: Dovetail Saw, Power Router, Portable Power Planer, Thickness Planer, Power Jointer, and Hand Scraper. Use of all tools is not required OR Make one item you designed yourself using the tools listed above and skills learned.	
560	Advanced Woodworking - Woodworking Master	R	Y	- completed project book; item that you made; blueprints for items you designed - Project should show creativity, proper joinery technique, good layout & design. Projects might include: intarsia, carvings, marquetry, lathe work, original designs and antique furniture reproductions.	
573	Arcs & Sparks – Shielded Metal Arc Welding	R	Y	- completed project book - Make <u>two</u> projects -- 1 from project book and 1 from own design. (no larger than 6’x 6’x 3’) *** USE STICK WELDERS ONLY***	
611	Explore the Outdoors	O	Y	- completed project book and display	
612	Geology: Can You Dig It?	O		#612 includes a rock collection (Activity 8) starting on page 36	
613	Explore the Poles	O		- Guns, bows, arrows, ammunition, and firearms of any kind are not permitted. Participants may not use any of these items	
617	Exploring Ponds	R		or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow	
620	Why Trees Matter	O		longer than 6 inches. Displays may not include any ‘loaded’ ammunition. Any shells or casings must be open so that a	
621	Ohio Birds	M		visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird	
622	Trapping Muskrats in Ohio	R		feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not	
623	Outdoor Adventurer: Beginning Fishing	O		permitted to be collected, possessed, or presented as a part of any display	
624	Outdoor Adventurer:Intermediate Fishing	O			
630	Safe Use of Guns	O		#623 – complete fishing log starting on page 30	
631	Basic Archery			#624 – complete fishing log starting on page 54	

PROJECT #	PROJECT		STATE FAIR	REQUIREMENTS FOR COUNTY JUDGING	SPECIAL REQUIREMENTS
641	Beekeeping	M	Y	- completed project book and display	
644	Insect Adventures 1	O		- All Insect Adventures have an insect specimen collection requirement -- Level 2 and Level 3 need to bring a journal to project judging in addition to their project book and display.	
645	Insect Adventures 2	O			
646	Insect Adventures 3	O			
670	Canning and Freezing	O	Y	- completed project book and display	
671	How Does Your Garden Grow?	M	Y	- completed project book and display	
673	Edible Landscapes	O			
691	Grow Your Own Vegetables	O			
692	Growing with the Seasons	R			