

PROJECT DESCRIPTIONS

AEROSPACE

501 Rockets Away (for 2-Liter Bottles) (State Fair Eligible)

PROJECT: 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. (Rocket launcher may be borrowed from the Extension Office.) Complete specific project guidelines listed in project book. Check out www.ag.ohio-state.edu/~rockets

JUDGING: Refer to Miscellaneous Project Judging schedule for judging date. Members must bring completed project book and the rocket they designed to judging.

FAIR: Display your rocket or an educational display in your 4-H club booth or in the miscellaneous booth in the youth building (if your club does not have a booth). Posters should be 14" x 22".

502 Fun with Flight (State Fair Eligible)

PROJECT: A good project for 9-14 year-olds. 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 in project book. Check out www.ag.ohio-state.edu/~flight

JUDGING: Refer to the Miscellaneous Project Judging schedule for judging date. Member should bring airplane and completed project records, and be able to answer questions about them.

FAIR: Display your airplane or an educational display in your 4-H club booth or in the miscellaneous booth in the youth building (if your club does not have a booth). Posters should be 14" x 22".

503 Rockets Away (for Estes-type rockets) (State Fair Eligible)

PROJECT: 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: Refer to Miscellaneous Project Judging schedule for judging date. Members must bring completed project book and the rocket they designed to judging.

FAIR: Display your rocket or an educational display in your 4-H club booth or in the miscellaneous booth in the youth building (if your club does not have a booth). Posters should be 14" x 22".

ATHLETICS

300 You're the Athlete (State Fair Eligible)

PROJECT: 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.

JUDGING: Refer to Miscellaneous Project Judging schedule for judging date. Members must bring completed project book and an educational display of what they learned.

FAIR: Exhibit a poster (14"x22") or a finished product from the project, in your 4-H club booth or in the miscellaneous booth in the youth building (if your club does not have a booth).

ATV

555 ATV (State Fair Eligible)

PROJECT: Member will become familiar with an ATV, basic riding techniques, and safety requirements. This project is appropriate for all ages, experienced or inexperienced, who have access to an ATV. Check out 4engineering.osu.edu

JUDGING: Judged at Miscellaneous Project Judging. Member should bring a poster or exhibit that explains their project. Posters should be no larger than 14" x 22". Be prepared to answer questions about the project, and bring your completed project book.

FAIR: Make a 14" x 22" poster or display to exhibit in your booth or in the miscellaneous booth in the youth building (if your club does not have a booth).

BEEF

113 Market Beef Project and Record Book (State Fair Eligible)

PROJECT: Complete this project and provide records every year a market steer or market heifer project is taken. Use the Beef Resource Handbook to monitor production practices. Register online at <http://hancock.osu.edu/4h/registra.htm> or call in registration of market beef by January 15, of the current year to the 4-H office.

JUDGING: Participate in the Livestock Skillathon.

FAIR: Enter market beef in proper class, and follow the rules of the Hancock County Jr. Fair Beef Show. Rules are listed in the Jr. Fair Book. Advisor needs accurate information to make proper fair entries. Must attend a Quality Assurance session prior to making entries for the fair.