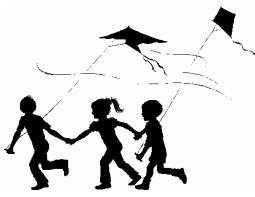


AEROSPACE - Members 14 years of age & older are eligible to compete for the Mechanical & Engineering Science State Achievement Record.

<i>Project # and Name</i>	<i>Targeted Age/Level & Time Commitment</i>	<i>Project Requirements for Completion, Project Judging and Fair</i>	<i>4-H Competitive and Educational Opportunities</i>
<p>501 Rockets Away (2-Liter Bottle)</p> <p>503 Rockets Away (Estes Type)</p> <p>Repeating Projects: May be repeated with new challenges</p> <p>Optional Supplements: 501CW 2-liter Bottle Rocket Computer Program Windows Ver.</p> <p>2-Liter Bottle Launcher – Versey Enterprises, 1258 North 110 East, Shelly, Idaho 83274, 1-208-357-3428. Standard Launcher (\$40.00) or Launcher with built-in pressure gauge (\$50.00).</p>	<p>Age 11 to 18</p> <p>Younger members may take under the guidance of an adult.</p> <p>Minimum 1 month Project Work Time</p> <p>More information: http://www.ag.ohio-state.edu/~rockets/</p>	<ul style="list-style-type: none"> ◆ Build and launch a 2-liter Bottle Rocket or ESTES Type rocket. ◆ Complete all tasks as outlined in the project guidelines' section. <p>Miscellaneous Project Judging Requirements:</p> <ul style="list-style-type: none"> ◆ Project Book: Bring completed project book to judging. ◆ Rocket: Bring constructed ESTES Rocket or 2-liter Bottle Rocket and evidence of rocket launch (results data, photographs). ◆ Project Interview: Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities and your constructed rocket. ◆ State Fair Selection: One Junior (8-13) and One Senior (14-18) member may be selected to participate. Note: No member may be selected in more than one of the following: Vet Science 1, 2 or 3, Rockets Away, or Fun with Flight. <p>County Fair Exhibit Requirements:</p> <ul style="list-style-type: none"> ◆ Fair Exhibit: Bring your constructed rocket to exhibit in your club's 4-H booth in the Youth Building. 	<p>County Events</p> <p>4-H Project Mini College Sat., April 5, 10:00 AM – 2:00 PM Tolles Tech, St. Rt 42, Plain City</p> <p>4-H Miscellaneous Judging Tues., July 8, 3:00 PM–8:00 PM</p> <p>Clark County Fair</p> <p>4-H Club Booth Set-Up and Deliver 4-H Exhibits: Fri., July 18, 9:00 AM - 9:00 PM</p> <p>4-H Winner's Review: Tuesday, July 22, 7:00 PM</p> <p>Ohio State Fair</p> <p>4-H Project Judging Day: Saturday, Aug. 2</p> <p>State 4-H Opportunities: National 4-H Engineering, Science, Leadership Event – September 2008 Aerospace Qualifier must be age 14 & older, selected at State Fair.</p>
<p>502 Fun with Flight</p> <p>Repeating Projects: May be repeated with new challenges.</p> <p>Older members should take self-determined project.</p> 	<p>Age 8 to 18</p> <p>Minimum 1 month Project Work Time</p> <p>More information: http://www.ag.ohio-state.edu/~flight/</p>	<ul style="list-style-type: none"> ◆ Build a glider or flyer from scratch or a kit OR build a plastic model of a jet or airplane. ◆ Complete all tasks as outlined in the project guidelines' section. <p>Miscellaneous Project Judging Requirements:</p> <ul style="list-style-type: none"> ◆ Project Book: Bring completed project book to judging. ◆ Rocket: Bring constructed glider, flyer or plastic model jet/airplane. ◆ Project Interview: Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities and your constructed glider, flyer or plastic model jet/airplane. ◆ State Fair Selection: One Junior (8-13) and One Senior (14-18) member may be selected to participate. Note: No member may be selected in more than one of the following: Vet Science 1, 2 or 3, Rockets Away or Fun with Flight. <p>County Fair Exhibit Requirements:</p> <ul style="list-style-type: none"> ◆ Fair Exhibit: Bring your constructed glider, flyer or plastic model to exhibit in your club's 4-H booth in the Youth Building. 	<p>County Events</p> <p>4-H Project Mini College Sat., April 5, 10:00 AM – 2:00 PM Tolles Tech, St. Rt 42, Plain City</p> <p>4-H Miscellaneous Judging Tues., July 8, 3:00 PM–8:00 PM</p> <p>Clark County Fair</p> <p>4-H Club Booth Set-Up and Deliver 4-H Exhibits: Fri., July 18, 9:00 AM - 9:00 PM</p> <p>4-H Winner's Review: Tuesday, July 24, 7:00 PM</p> <p>Ohio State Fair</p> <p>4-H Project Judging Day: Saturday, Aug. 2</p> <p>State 4-H Opportunities: National 4-H Engineering, Science, Leadership Event – September 2008 Aerospace Qualifier must be age 14 & older, selected at State Fair.</p>