

Project # and Name	Skill Level, Age Time Commitment	Project Requirements for Completion, Project Judging and Fair	4-H Competitive and Educational Opportunities
<p>501 Rockets Away (2-Liter Bottle)</p> <p>503 Rockets Away (Solid-Fuel Type)</p> <p>503M Solid-Fuel Rocket Master</p> <p><b>Sources for launchers</b>  <a href="http://www.theaquapod.com">www.theaquapod.com</a>                      (for the AquaPod Bottle Launcher) and  <a href="http://www.pitsco.com/store">www.pitsco.com/store</a>                      (for the Backyard Blaster Water Rocket Launcher or the Aquaport Water Rocket launcher). No endorsement!</p>	<p>Age 8 to 18</p> <p>Age 8 to 18</p> <p>Age 14 to 18</p> <p>Minimum 1 month Project Work Time</p> <p>More information:  <a href="http://www.ag.ohio-state.edu/~rockets/">http://www.ag.ohio-state.edu/~rockets/</a></p>	<ul style="list-style-type: none"> <li>◆ Explore all 3 interest areas and complete all activities as outlined in the project guideline' section.</li> <li>◆ Build and launch a 2-liter Bottle Rocket or Solid Fuel Type rocket.</li> </ul> <p><b>Miscellaneous Project Judging Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Project Book:</b> Bring completed project book to judging.</li> <li>◆ <b>Rocket:</b> Bring constructed solid-fuel Rocket or 2-liter Bottle Rocket and evidence of rocket launch (results data, photographs).</li> <li>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities and your constructed rocket.</li> <li>◆ <b>State Fair Selection:</b> One member may be selected to participate from each project. No member may be selected in more than one rockets, robotics, science fun, young engineers, electricity, not just knots, small engines, ready sew mow, or self-det. STEM projects.</li> </ul> <p><b>County Fair Exhibit Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Fair Exhibit:</b> Bring your constructed rocket to exhibit in your club's 4-H booth in the Youth Building.</li> </ul>	<p><b>County Events</b>  <b>4-H Miscellaneous Judging</b>                      Tues., July 9, 3 PM - 7 PM,                      Fgrds., Annex</p> <p><b>Clark County Fair</b>  <b>4-H Club Booth Set-Up and Deliver 4-H Exhibits:</b>                      Fri., July 19, 9 AM - 9 PM,                      Youth Bldg.</p> <p><b>4-H Winner's Revue:</b>                      Tues., July 23, 7 PM,                      Entertainment Tent</p> <p><b>Ohio State Fair</b>  <b>STEM 4-H Project Judging Day:</b>                      Sat., July 27, Lausche Youth Exploration Space</p>
<p>502 Science Fun with Flight</p> <p><b>Repeating Projects:</b> May be repeated with new challenges.</p>	<p>Age 8 to 18</p> <p>Minimum 1 month Project Work Time</p> <p>More information:  <a href="http://www.ag.ohio-state.edu/~flight/">http://www.ag.ohio-state.edu/~flight/</a></p>	<ul style="list-style-type: none"> <li>◆ Explore all 7 interest areas and complete all activities as outlined in the project guideline's section.</li> <li>◆ Build a glider or flyer from scratch or a kit OR build a plastic model of a jet or airplane. No remote or radio controlled airplanes or helicopters.</li> </ul> <p><b>Miscellaneous Project Judging Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Project Book:</b> Bring completed project book to judging.</li> <li>◆ <b>Rocket:</b> Bring constructed glider, flyer or plastic model jet/airplane.</li> <li>◆ <b>Project Interview:</b> 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.</li> <li>◆ <b>State Fair Selection:</b> One member may be selected to participate from each project. No member may be selected in more than one rockets, robotics, science fun, young engineers, electricity, not just knots, small engines, ready sew mow, or self-det. STEM projects.</li> </ul> <p><b>County Fair Exhibit Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Fair Exhibit:</b> Bring your constructed glider, flyer or plastic model to exhibit in your club's 4-H booth in the Youth Building.</li> </ul>	<p><b>County Events</b>  <b>4-H Miscellaneous Judging</b>                      Tues., July 9, 3 PM - 7 PM,                      Fgrds., Annex</p> <p><b>Clark County Fair</b>  <b>4-H Club Booth Set-Up and Deliver 4-H Exhibits:</b>                      Fri., July 19, 9 AM - 9 PM,                      Youth Bldg.</p> <p><b>4-H Winner's Revue:</b>                      Tues., July 23, 7 PM,                      Entertainment Tent</p> <p><b>Ohio State Fair</b>  <b>STEM 4-H Project Judging Day:</b>                      Sat., July 27, Lausche Youth Exploration Space</p>

