

**ROBOTICS** - Members 14 years of age and older may apply for a Mechanical and Engineering Science Achievement Record Award.

<b>Project # and Name</b>	<b>Skill Level, Age Time Commitment</b>	<b>Project Requirements for Completion, Project Judging and Fair</b>	<b>4-H Competitive and Educational Opportunities</b>
<p><b>507 Robotics 1: EV3</b></p> <p><b>508 Robotics 2: EV3N More</b></p> <p><b>512M Robotics Master</b></p> <p>Go to <a href="http://ohio4h.org/robotics">ohio4h.org/robotics</a> for more details on purchasing kits to get started.</p>	<p>Intermediate skill level for youth age 11 and older</p> <p>Advanced skill level for youth ages 12 and older</p> <p>Advanced skill level for youth ages 12 and older</p> <p>1 to 3 months Project Work Time.</p>	<p>◆ Complete all activities and talk it over questions and all tasks as outlined in the project guidelines' section. Engineer a Robot to accomplish a task.</p> <p><b>Miscellaneous Project Judging Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Project Book:</b> Bring your completed project book.</li> <li>◆ <b>Project Item(s):</b> Bring your engineered robot.</li> <li>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, and project item.</li> <li>◆ <b>Robot Skill:</b> Demonstrate your robot's ability to complete tasks on your own test surface.</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 vet science, rockets, robotics, science fun with dairy foods, science fun with flight, kitchen chemistry, science fun with physics or young engineers in solar energy projects.</li> </ul> <p><b>County Fair Exhibit Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Fair Exhibit:</b> Bring your engineered robot</li> </ul>	<p><b>County Events</b></p> <p><b>4-H Miscellaneous Judging</b> Tues., July 12, 3 PM-7 PM, Fgrds., Annex</p> <p><b>Clark County Fair Club Booth/Exhibit Set-Up</b> Fri., July 22, 9 AM - 9 PM, Youth Bldg.</p> <p><b>4-H Winner's Revue:</b> Tues., July 26, 7 PM, Entertainment Tent</p> <p><b>Ohio State Fair Project Judging</b> Sat., July 30, Youth Center</p>

