

# Waukesha 4-H Project Guide

Category: STEM (Science Technology Engineering Math)

4/2021



<p>4-H Project</p> <h2>Remote Control Vehicles</h2>	<p>Subprojects under this project</p> <ul style="list-style-type: none"> <li>● Radio Controlled Cars</li> <li>● Radio Controlled Planes</li> </ul>
<p>Things you might learn in this project:</p>	<ul style="list-style-type: none"> <li>● Learn about the mechanics of a car</li> <li>● Learn about the electronics in a RC vehicle</li> <li>● Problem solving in repairing your RC vehicle</li> <li>● Hand eye coordination</li> <li>● Teamwork</li> </ul>
<p>Learning activities/ workshops/ field trip ideas:</p>	<ul style="list-style-type: none"> <li>● Visit a hobby store</li> <li>● Visit a remote control club meet</li> </ul>
<p>Ideas of things you might exhibit in the fair:</p> <p>Remote controls should be brought to judging, with working batteries. Remotes will be brought home after judging, the car will remain on display</p>	<ul style="list-style-type: none"> <li>● Poster, display, or photo story with captions about RC Cars.</li> <li>● Remote Control vehicle built</li> <li>● Independently flown Remote Controlled (RC) Aircraft</li> <li>● A poster designing a race course</li> <li>● A video showing principles of RC racing</li> </ul>
<p>Waukesha County Project Leaders:</p>	<ul style="list-style-type: none"> <li>● Cory Bertelsen, 262-331-4303, <a href="mailto:corybert64@gmail.com">corybert64@gmail.com</a></li> <li>● Wolff, Brent 414-421-0225</li> <li>●</li> </ul>
<p>References &amp; Resource links:</p>	<ul style="list-style-type: none"> <li>● <a href="https://extension.purdue.edu/Pulaski/article/5337">https://extension.purdue.edu/Pulaski/article/5337</a></li> <li>● <a href="https://walworth.extension.wisc.edu/r-c-cars-project/">https://walworth.extension.wisc.edu/r-c-cars-project/</a></li> <li>● <a href="https://ozaukee.extension.wisc.edu/4-h-youth-development/rc-cars/">https://ozaukee.extension.wisc.edu/4-h-youth-development/rc-cars/</a></li> <li>● <a href="https://www.rccaraction.com/get-started-rc-everything-need-know/#visitor_pref_pop">https://www.rccaraction.com/get-started-rc-everything-need-know/#visitor_pref_pop</a></li> <li>● <a href="https://www.radiocontrolinfo.com/">https://www.radiocontrolinfo.com/</a></li> <li>●</li> </ul>