

Waukesha 4-H Project Guide



Extension
UNIVERSITY OF WISCONSIN-MADISON
WAUKESHA COUNTY



Category: STEM (Science Technology Engineering Math)

4/2021

<p>4-H Project Aerospace</p>	<p>Subprojects under this project</p> <ul style="list-style-type: none"> • Drones • Flying
<p>Things you might learn in this project:</p>	<ul style="list-style-type: none"> • identify types of aircraft • discover how weather affects flying • explore life in space and aerospace careers • explore principles of flight • learn skills in flying drones and aircrafts • learn flight safety
<p>Learning activities/ workshops/ field trip ideas:</p>	<ul style="list-style-type: none"> • visit an airport • visit an air museum • interview a law enforcement officer who uses drones • Participate in drones competitions
<p>Ideas of things you might exhibit in the fair:</p>	<ul style="list-style-type: none"> • Build and fly a kite • Make a hot-air balloon model • Drones competition- agility and target course • Independently flown Remote Controlled (RC) Aircraft • Poster explaining some principle of aerospace • Poster explaining a real life experience of aerospace • Poster, display or photo story of aerospace science • Photos taken during flight of Aircraft or Drone •
<p>Waukesha County Project Leaders:</p>	<ul style="list-style-type: none"> • Cory Bertelsen, 262-331-4303, corybert64@gmail.com •
<p>References & Resource links:</p>	<ul style="list-style-type: none"> • https://fyi.extension.wisc.edu/wi4hprojects/stem-science-technology-engineering-math/aerospace/ • https://www.eaa.org/ea • https://www.faa.gov/education/ • https://4h.extension.illinois.edu/members/projects/technology-drones