

# Waukesha 4-H Project Guide



Extension  
UNIVERSITY OF WISCONSIN-MADISON  
WAUKESHA COUNTY



Category: Arts & Communications  
4/2021

<p>4-H Project <b>Computers</b></p>	<p>Subprojects under this project</p> <ul style="list-style-type: none"> <li>• Graphic Design</li> </ul>
<p>Things you might learn in this project:</p>	<ul style="list-style-type: none"> <li>• Learn about hardware, software and components</li> <li>• Explore how computers work</li> <li>• Learn the various programs and their features</li> <li>• Build and repair a computer; identify the components and how they work together;</li> <li>• Learn to upgrade and create connections; install operating systems</li> <li>• Learn how to create databases</li> <li>• Learn how to create digital media</li> </ul>
<p>Learning activities/ workshops/ field trip ideas:</p>	<ul style="list-style-type: none"> <li>• Visit a computer repair shop</li> <li>• Interview a Graphic Designer</li> <li>• Job Shadow a corporate IT director</li> </ul>
<p>Ideas of things you might exhibit in the fair:</p>	<ul style="list-style-type: none"> <li>• Poster on the parts of a computer</li> <li>• Report on the history of computers</li> <li>• Portfolio of Graphic Design Art</li> <li>• A computer that has been repaired or built from parts</li> <li>• A database you have created</li> <li>• Design a website</li> <li>• Report on computer related careers</li> <li>• Poster on the internet</li> <li>• Create Digital Media- flyer, brochure, etc</li> </ul> <p>Hint- you can bring your laptop to show the judge work you have completed, but also create a report or poster you can leave on display as well</p>
<p>Waukesha County Project Leaders:</p>	<ul style="list-style-type: none"> <li>•</li> </ul>
<p>References &amp; Resource links:</p>	<ul style="list-style-type: none"> <li>• <a href="https://fyi.extension.wisc.edu/wi4hprojects/arts-communication/computers/">https://fyi.extension.wisc.edu/wi4hprojects/arts-communication/computers/</a></li> <li>• <a href="https://4h.extension.wisc.edu/opportunities/projects/stem/computers-project/">https://4h.extension.wisc.edu/opportunities/projects/stem/computers-project/</a></li> <li>• <a href="https://extension.purdue.edu/article/1757">https://extension.purdue.edu/article/1757</a></li> <li>• <a href="https://4-h.org/parents/stem-agriculture/computer-science/">https://4-h.org/parents/stem-agriculture/computer-science/</a></li> <li>• <a href="https://extension.umn.edu/projects-and-more/4-h-computers-programming-project">https://extension.umn.edu/projects-and-more/4-h-computers-programming-project</a></li> </ul>