

Waukesha 4-H Project Guide



Category: Natural Sciences

4/2021

<p>4-H Project</p> <p>Entomology</p>	<p>Subprojects under this project</p> <ul style="list-style-type: none"> • Bees
<p>Things you might learn in this project:</p>	<ul style="list-style-type: none"> • Different orders of insects • Parts of an insect • What's the difference between insects, bugs, and crustacea • Beneficial and damaging insects • Different types of insecticides, their use and appropriate application • How to raise insects from larvae to adult • Life cycles of different insects
<p>Learning activities/ workshops/ field trip ideas:</p>	<ul style="list-style-type: none"> • Citizen science activity with Wisconsin DNR to conduct an entomology field study • Insect observation at a local park or forest • Museum trip to view insect collections • Photography of different types of insects • Raise an insect (i.e., butterfly, moth, praying mantid) from juvenile to adult, then release • Monarch tagging and tracking activity via various conservation groups (i.e., Schlitz Audubon, Retzer Nature Center)
<p>Ideas of things you might exhibit in the fair:</p>	<ul style="list-style-type: none"> • Poster of different types of insecticides, or pesticide labels • Photography log of different insect orders • Photographic log of your raising an insect from juvenile to adult and releasing into the wild • Poster of monarch tagging event • Display of pinned insects • Display on types of insect control in the home • Poster on how insects use color for defense • Report on an insect experiment • Display or Poster on Bee Colonies • Build a Bee house/ habitat • Poster on bees role in pollination • Poster on parts of an ant colony
<p>Waukesha County Project Leaders:</p>	<ul style="list-style-type: none"> • Gayle Nicoll, gaylenicollphd@gmail.com, 412-965-7046 •
<p>References & Resource links:</p>	<ul style="list-style-type: none"> • https://fyi.extension.wisc.edu/wi4hprojects/natural-sciences/entomology/ • https://4h.extension.wisc.edu/opportunities/projects/outdoor-education/entomology-project/ • https://4-h.org/parents/curriculum/entomology/ • https://extension.umn.edu/projects-and-more/4-h-entomology-project • http://www.mainebee.com/ • https://www.entsoc.org/Membership/categories/youth