

COOPERATIVE
EXTENSION
SERVICE



College of Agriculture,
Food and Environment
extension.ca.uky.edu

EXTENDING KNOWLEDGE

Changing Lives



Contact:
Campbell County Environmental
Education Center
1261 Race Track Road
Alexandria KY 41001
(859) 694-1666
[http://campbell.ca.uky.edu/
EnvironmentalEducationCenter](http://campbell.ca.uky.edu/EnvironmentalEducationCenter)

When you
support
Extension,
youth apply
science, math
and technology
skills as they
become
stewards
for the
environment.



Students learn about solar energy through observation then assemble and test their own solar panel.

Extension Sparks the Next Generation of Young Scientists

*Campbell County Extension Environmental Education
Center conducts school programs where youth experience
the interdependent relationships of ecosystems.*



“Very few field trips let us address the science standards so precisely and directly.”

- Woodfill Elementary School Teacher

“It truly fits the Next Generation of Science Standards.”

-Johnson Elementary School Teachers

The Campbell County Cooperative Extension Service’s Natural Resources and Environmental Management (NREM) Program educates diverse people to make decisions and take action to improve the quality, productivity, and sustainability of natural resources. NREM programs focus on soil, water, air, plant and animal life, forests, aquatic and other ecosystems. The Extension office provides a front door to the research-based expertise and inspires youth and adults to act on environmental concerns.

In fall 2014, more than 1,000 third and fourth grade students attended school field trips to the Campbell County Environmental Education Center. Students learned about interdependent relationships in ecosystems, structures and functions of animals and plants, and the processes that shape the Earth, which prepares students for Kentucky Common Core Standards testing.

Students participated in activities where they witnessed the effects of weathering and erosion. They investigated the structures that function to support survival, growth, behavior, and reproduction in plants and animals. Students conducted investigations with renewable energy sources, including solar energy, and discussed where energy and fuels come from and distinguish renewable resources. They visited different ecosystems, took inventory, and described using adaptations as examples of why some organisms can survive well, some survive less well, and some cannot survive at all in a particular habitat.

“Coming to the Center allows students to get outside and experience the science curriculum first-hand while learning about the environment



Students get close to plants by matching their structures to their functions.



Extension agents teach natural resource and environmental programs where students learn to match plant structures to their function.

in which they live. It helps teach respect for nature that can carry over to their everyday lives. This is a trip we take yearly and is critical to our teaching of life science.” (Johnson Elementary School Teacher)