



GRADES
6-12

PROGRAM GUIDE

Whether cultivating potential careers or building on and strengthening existing skills, Wildlands Conservancy's programs for grades 6-12 provide higher-level concept-centered experiences about the local, natural world and their connection to it. Experiential learning, hands-on activities and in-school assemblies are offered to complement and reinforce in-class lessons.

All of our program offerings are in line with both Common Core State and Next Generation Science standards and aligned with PA Academic Standards. From coming up with curious questions to drawing evidence-based conclusions, these lessons will help you guide your students through exciting scientific investigations.

PRICING
STARTS AT
\$15
PER
STUDENT.

Wild About Watersheds: Field Studies

These inquiry-based experiences offer meaningful, authentic learning opportunities at several different natural sites throughout the Lehigh Valley. Themed hikes and education animals are easily tailored to meet your curriculum needs. Programs are three hours long unless specified otherwise.

Bike & Boat Adventures

Join our floating ecology classroom while enhancing team-building skills in this entry-level, award-winning adventure. Bicycle along the D&L Trail and canoe down a flat-water section of the Lehigh River to learn how history has impacted the environmental health of our metro wilderness. River snorkeling, a way to safely explore the underwater component of the Lehigh River Water Trail, can be added to further enhance your trip.

Watershed Ecology

Populations and ecosystems are examined in this in-depth study of the Lehigh River watershed. Study the Lehigh River watershed in our 3-D sand augmentation exhibit. Physical and chemical properties of the Little Lehigh Creek, the biotic index, riparian hike and animals of the Lehigh River watershed, are included in this inquiry-guided program, encouraging student problem solving and engagement.

Climate Change in Our Watershed

This place-based learning program offers students an opportunity to tackle this serious 21st-century problem in a thoughtful, multidisciplinary way using a STEM-centered project to create collective action. Students experience a deep, local connection to environmental issues, resulting in the development of skills and knowledge to create personally relevant collective actions.

Herpetology Workshop

This early fall and spring program offers an exploratory learning environment that is student centered and environmental educator facilitated. Students participate in a search for salamanders, lizards, toads, frogs and turtles with opportunities for interactions with our education animals. Student research leads to a discussion of herps as environmental indicators through identification of local point/nonpoint pollution and best management practices (BMPs).

Sea Perch ROV: Building Underwater Robots (STEM)

Students will build a submersible remotely operated vehicle (ROV) and explore underwater habitats. This fun, challenging, multiday course works with teams of two students to teach circuitry, buoyancy, water quality and career opportunities. This is also provided as a six- or eight-session-long in-school or after-school program.



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Wildlands Conservancy

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