

PEEC Into the Classroom: Outside & In-Person Curriculum (1hour per class)

“Water Quality Time”

Have a body of water on school property? Let’s explore it! Students will learn the importance of water quality and how to biotic surveys can show the health of the ecosystem.

- Introduction to Water Quality & Macroinvertebrates (15 minutes)
- Water Exploration with Naturalist (30 minutes)
- Results Debrief & Wrap-Up (15 minutes)

“What’s in Your Watershed”

Explore where water goes at your school through our EnviroScape demonstration and supporting exploration of storm water management on-site.

- Introduction to Watersheds & EnviroScape Demonstration (30minutes)
- Storm Water Investigation (20 minutes)
- Debrief & Wrap-Up (10 minutes)

“Native Plant Life”

Students will explore plant life around their school, from common parking lot weeds to field wildflowers, the goal of this student is to improve observation skills, learn common plant parts and function and gain appreciation for commonly overlooked species.

- Introduction to Plant Anatomy (15 minutes)
- Field Identification (30 minutes)
- Results Debrief & Wrap-Up (15 minutes)

“Seasonal Survival”

Explore animal strategies of survival for winter. Students will discuss wildlife ecology accompanied by animal artifacts followed by using critical thinking skills to design and build a functional nest site for their gelatin “critters.” Will your students survive the challenge?

- Introduction to Animal Survival Strategies (25 minutes)
- Gelatin “Critter” Challenge (20 minutes)
- Results Debrief & Wrap-Up (15 minutes)

“Digging Geology”

There’s more to rocks than meets the eye. Learn the importance of minerals in our lives and how to geologists classify them through hands-on, empirical methods.

- Introduction to Rocks vs. Minerals with Fossils (15mins)
- Mineral Identification (30 minutes)
- Results Debrief & Wrap-up (15 minutes)

