

Schuylkill Center Virtual Field Studies Guide

2021-22 offerings



Fee: \$200 per lesson, up to 30 students

School District of Philadelphia schools are eligible for free programming in the 2021-2022 school year. Funds are limited, so please reserve your program today!

Call for more information or to register your class:

Beatrice Kelly,
Education Assistant and Registrar
215-853-6249

For the 2021-22 school year, Schuylkill Center educators are bringing our 340 acres of fields, forests, and ponds to your virtual classroom.

Our programs provide hands-on, interactive nature experiences to enhance classroom science lessons. From identifying insects to examining bones to measuring water quality, students will be actively engaged in this unique learning experience. Programs can be customized to meet your group's needs.

Each one-hour program includes:

- An interactive lesson led by a Schuylkill Center educator
- Guided hands-on activities that bring lessons to life
- Self-guided follow-up activities to encourage students to continue learning outdoors

Thank you to the Allen Hilles Fund, the Christopher Ludwick Foundation, the Huston Foundation, Bryn Mawr Trust, and Pfizer for their support of free field studies for Philadelphia School District schools.

Specialized programs for grades 7-12:

- ***Forest management***
- ***Global climate change & local impacts***
- ***Biodiversity & conservation***
- ***Environmental career paths***
- ***Native, non-native & invasive species***
- ***And many more!***

Virtual Field Trip Programs:

Grades K-12

All programs are available for grades K-12. Programs can be customized to suit your class's grade level and needs.

Habitat Exploration

All animals need food, water, and shelter in their habitat. We'll take a virtual tour of forests, ponds, and fields to discover how native wildlife meet these basic needs.

Incredible Insects

Get up close and personal with one of the most diverse groups of creatures on the planet! Learn about what makes an insect an insect, identify specimens using dichotomous keys, and discover why these tiny, six-legged creatures are so important to our ecosystems.

Watersheds & Water Quality

What makes up a watershed? How can pollutants affect our waterways? And what can macroinvertebrates, or water bugs, tell us about their health? Unearth the answers to all of these questions and more as we study the impact of human activity on rivers and streams, examine aquatic macroinvertebrates under a microscope, and measure water quality of a local pond.

Ecosystems & Adaptations

Take a virtual tour through field, forest, and pond ecosystems to study the interactions between plants, animals, and non-living components of these diverse habitats. We'll study examples from local wildlife to learn how the environment influences physical features and behavior through the process of natural selection.

Seeds to Trees to Soil

Trees are vital to our ecosystem, emitting oxygen, absorbing carbon dioxide, cooling the earth, and providing important animal habitat. We'll dive into the life cycle of trees and other plants, learn about the different ways that seeds are dispersed, and uncover the vital role of soil in forest ecosystems.

Wildlife of PA

We'll examine fur, bones, feathers, and more to learn about the natural history of native birds, mammals, and reptiles. We'll discover the important role each species plays in its ecosystem and learn ways we can help conserve local wildlife.

