



Fairmount Water Works Interpretive Center

K-12 School Programs
2011-12

Where can students go to learn about one of the most important issues of the 21st-Century? The Fairmount Water Works Interpretive Center. Located along the east bank of the Schuylkill River, it is the landmark that people of all ages visit to learn about water.

All programs listed below can be adapted to any school-age level.

Water in Our World (K-12)

This is an excellent overview lesson about water past, present and future. A good introductory program that sets the foundation for further study

Subject areas: Science, Social Studies, Art, and Language Arts

Green City Clean Waters: Nature's Lead (K-12)

Students learn how Philadelphians are using 21st-century watershed management tools to transform the cityscape from grey to green

Subject areas: STE(A)M- Science, Technology, Engineering, Art and Math; Environmental Studies

Land and Water: A Delicate Balance (3-6)

A lesson about the growth of the city and its environmental impact on water quality historically through present day

Subject areas: Social Studies, Environmental Studies

From Street to Stream: Slow the Flow (4-8)

This lesson focuses on an urban scale drainage system for stormwater above ground and in the sewers under our streets to help students better understand our public water system

Subject areas: Geography/Landforms; Environmental Studies

Building as Machine: Water for the City (6-8)

Students learn about the innovative engineering behind the original water-powered pumps of this National Historic Landmark

Subject areas: STEM- Science, Technology, Engineering, and Math; History of Technology

Seeing is Believing: A Drop in the Bucket (6-12)

With technology this laboratory-based program utilizes real-time freshwater samples from the Schuylkill River to observe, record and make drawings of microscopic life in the river

Subject areas: Biological and environmental sciences

Global Water Action: Engineering a 21st-Century Solution (1-12)

Young people in Philadelphia make global connections to people, issues and solutions related to access to clean water, proper sanitation and hygiene in other parts of the world

Subject areas: Global citizenship/international service

If you have questions about the lessons or would like to schedule a visit call 215-685-0721.

Schools booking 2 different lessons can qualify for one free bus.

