Prince William County Service Authority Classroom Presentations

The Service Authority is proud to offer an exciting range of SOL-tailored lesson plans with engaging, hands-on activities for all PWC students! Presentations are given in an assembly style for kindergarten through 5th grade, and as individual classes for middle school and high school.

"Water" you waiting for?
Sign up today!


**Kindergarten**

**Water in the Real World**

SOL Concepts: states of matter & simple patterns

Discover the states of matter! Find out how many ways you interact with different phases of water every day.

**1st Grade**

**The Big Stink!**

SOL Concepts: resources & conservation

Hop in your rowboat to experience the story of Bart the rat and the big stink of 1858-and how we got our sewers.

**2nd Grade**

**Water Rocks! Junior**

SOL Concepts: weathering & erosion

Roll along with us and un-earth how weathering and erosion break down rock and change an environment.
## 3rd Grade
**The Gallon Challenge**

SOL Concepts: ecosystems & the importance of water

Drink up this water scarcity activity and learn just how much water we need each and every day.

## 4th Grade
**Watershed Toss!**

SOL Concepts: watersheds & resources

Get up and explore different ways everyday pollution can spread and hurt our environment.

## 5th Grade
**Unearthing Our Water**

SOL Concepts: rock types & human impact

Reveal underground water sources with our aquifer model and what impact everyday use and pollution can have on the groundwater.

## 6th Grade
**Watershed-opoly**

SOL Concepts: human impact on watersheds

Play along and see how ground cover, pollution, and water impact the environment around you in this watershed board game!

## 7th/8th Grade
**Detective Pollution**

SOL Concepts: human impact & experimentation

Dig in and start your own detective agency to uncover the truth of the mysterious chemicals polluting the water source.

## High School
**Sewer Science**

SOL Concepts: resources, human impact & experimentation

Become a lab tech and conduct your own wastewater treatment experiment.

Available in an adapted classroom format, or, as an onsite lab in the Mooney facility, followed by a tour of the plant.

---

For more information, contact outreach@pwcsa.org

(703) 335-8941