

WATER ON WHEELS

Ready to make a splash in your classroom?

Our **free** in-school field trip program, Water on Wheels, can help!

This award-winning, free environmental education program supports Academic Knowledge and Skills standards and makes learning about water fun. Our water professionals will engage your 3rd through 5th grade students as they determine the health of a stream, research the impact of runoff on aquatic bugs, travel through the human water cycle, or solve a sewer spill mystery. Our programs are great for your STEAM labs or classrooms. Book today and let's teach the next generation of watershed stewards together!

Let's Adopt a Stream, 3rd Grade:

Students will become stream doctors and assess the health of streams that are brought to life through realistic dioramas! Students will rotate through stations while learning Adopt-a-Stream criteria for stream health, including concepts like erosion. We will guide students in brainstorming ways to help our streams and present real-world examples of how Gwinnett Water Resources helps the environment.

Runoff Researchers, 3rd Grade:

How can bugs help us know a stream is polluted? In this lesson, students will discover the roles impervious surfaces, watersheds, runoff, and storm drains play in impacting the health of aquatic bugs. They will become water researchers and investigate a local "stream" by identifying these insects and their respective pollution tolerance levels. Students will demonstrate their numerical data knowledge through bar graphs and present their findings to their classmates. Finally, they will reflect on ways they can do their part in reducing pollution in our local streams.

Human Water Cycle, 4th Grade:

We understand the water cycle, but how does water travel through Gwinnett County? Students will use their imagination to become water droplets and travel through the Human Water Cycle. They will record their journey through water infrastructure by using color coded beads and reflect on which destinations were the most popular. They will then discuss how water infrastructure supports the natural water cycle and protects our community and environment. We will also discuss the impacts of drought and what students can do to conserve water.

Sewer Sleuths, 5th Grade:

Students will investigate the causes of sewer spills by solving a mystery. They will travel to different stations, use a map, and gather clues from County water professionals. As they collect clues, students will learn about water industry jobs and infrastructure to narrow down the suspects. Once the mystery is solved, the class will reflect on steps they can take at home to protect our infrastructure and prevent sewer spills.

Booking Process:

To learn more about Water on Wheels and to book a program, please email DWRschools@GwinnettCounty.com

