

CITY OF ROSWELL

Environmental /Public Works

EDUCATION BROCHURE



ENVIRONMENTAL/PUBLIC WORKS

FACILITY TOURS

Roswell Recycling Center

Enjoy a guided tour of the Roswell Recycling Center and get an up-close view of how Roswell keeps items out of the landfill. Students will discuss recycling techniques and the impacts of recycling.



Roswell Water Treatment Plant

Visit the Roswell Water Treatment Plant for a guided tour. Get an in-depth view of how water gets from Big Creek to homes and businesses in Roswell. A tour guide will describe the water treatment process and the plant's state-of-the-art equipment, as well as discuss water conservation.



EARTH BALLOON

Oceans, Continents, and Us

Enter the Earth Balloon to see the continents and oceans from a new perspective. Students will identify the various land masses and water bodies across our planet, as well as pinpoint their own geographic location!

Colors of the World

This program is geared for younger students, who will point out the colors they see across our globe. Students will identify what each color represents (land, water, ice, desert) and how these resources play a role in our lives.



Out of this World

Students will take the role of astronauts for the day as we discuss outer space. Students will use the Earth Balloon to understand gravity, orbit, and relationships within our solar system.



ENVIROSCAPE

Water Quality Warriors

Explore a watershed through the Enviroscape. Students will be able to define a watershed and identify the watershed they live in. Students will experiment with the Enviroscape by adding various pollutants (represented by food coloring) and evaluate how run-off and humans can impact water resources.



WATER EDUCATION

Water Cycle Play

Time to get into character. Students will act out the various stages of the water cycle using props and toys. Through their roles, students will evaluate human impacts on water quality and conservation.



Water Cycle Bracelets

Using their creative skills, students will make beaded bracelets that represent the water cycle. Students will discuss how human action can interfere with the water cycle and how the water cycle can affect us.

Water Quality Testing

This community science program will give students the chance to practice real water quality monitoring techniques. Guided by the scientific method, students will measure pH and dissolved oxygen content to determine water quality. Students will then discuss their findings and identify ways water quality can be influenced.



ANIMAL/PLANT LIFE EDUCATION

Tremendous Trees

Explore the variety of trees found within our state. Students will learn differences in tree species and apply their knowledge by using a dichotomous key to identify local trees.

Roswell's Habitat

What habitat do you live in? Students will identify the regions of Georgia, define habitat and habitat structure, and understand how animals adapt to their homes.

Roswell's Birds

It's a bird, it's a plane, wait it actually is a bird. On a guided hike, students will identify native birds, as well as evaluate their adaptations and behaviors.

Macroinvertebrate Investigation

Students will work to identify macroinvertebrates within a local body of water. Using what they find, students will determine the water and habitat quality in their area.



VOLUNTERISM

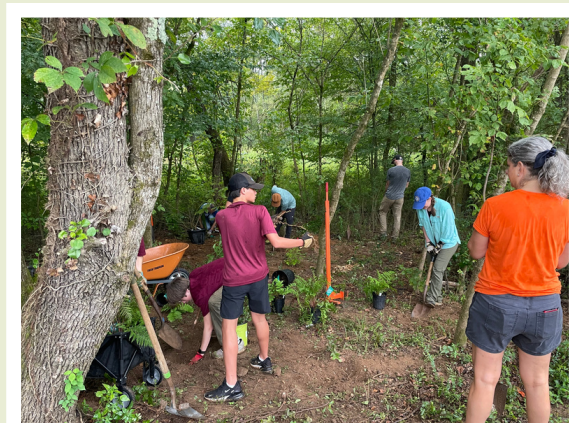
Litter Pick-up

Trash clean-ups and litter removals have lasting impacts when it comes to reducing pollution and preventing habitat destruction. Groups will work with a Roswell educator to complete a litter pick-up and learn how these volunteer projects improve native ecosystems.



Invasive Plant Removal

Invasive, non-native plants, such as Chinese privet and English ivy, outcompete Roswell's native plants and negatively affect native animals. Students will work to remove invasive plants and understand the importance of native species.



ENVIRONMENTAL/PUBLIC WORKS

FOR MORE INFORMATION

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