

Soggy Habitats
K-2 Program

Program	Soggy Habitats
Audience	K-2
Time Required	60 minutes
Objectives	Understand that water creatures have the same habitat requirements as land creatures - food, water, shelter and space
Supplies	Access to the creek Tubs to collect water and creek materials Forceps (optional) Ice cube trays or sorting trays (optional)
Description	Water creatures need healthy habitats to survive. Students will discover the hidden living things in the WATER Center's creek and discuss the special tools these animals have for surviving underwater. Students will learn that some of these water animals only spend part of their life cycle underwater.

Instructional Requirements

All “Soggy Habitats” program presentations will include the following activities, experiences, and educational instruction:

- Students will discuss and understand that all creatures - even humans - need food, water, shelter, and space all in the correct amount in order to survive
- Students will create, pictorially, a pre- and post- creek exploration analysis
- Students will learn how the diversity of an aquatic community is reflective of the habitat's water quality
- Students will understand that some aquatic creatures have complex life cycles

ALL field trips to the WATER Center will also include the following activities, experiences, and educational instruction:

- Students will understand the basic principles of the water cycle and that water is a finite resource that is infinitely recycled
- Students will discover where the WATER Center's fountain and aquarium water originates from
- Students will understand that pollution exists in many forms
- Students will understand that the WATER Center's polluted groundwater is being cleaned and will observe the air stripping process
- Students will understand that human-caused pollution can be cleaned up using human-made science and engineering
- Students will discover and observe that clean water supports healthy animals and complex habitat communities