

# Curriculum Links

## Grade 2:

- Earth and Space Systems

## Overview

In this activity, students will learn how animals (such as reptiles and spiders) use water. This activity will help students learn how changes in the air and water affect living things and the surrounding environment and how our actions affect the quality of air and water. This activity demonstrates that by making the right choices to help better the quality of water and air, we can increase the ability to sustain life.

## Grade 5 Expectations

### Earth and Space Systems: Air and Water in the Environment

#### Overall Expectations

- Evaluate how the actions of humans have an impact on the quality of water and air and how the quality of water and air impacts living things
- Investigate characteristics of air and water
- Show an understanding of how water and air are used by living things to help them meet their needs

#### Specific Requirements

##### *Relating Science and Technology to Society and the Environment*

- Judge the impact of human activities on the quality of water and air and develop a plan to help keep the air and water in their community clean
- Assess personal/family uses of water as efficient or wasteful and create a plan to reduce amount of water consumption

##### *Developing Investigation and Communication Skills*

- Investigate characteristics of water and air, stages of water cycle and water in natural environment
- Use appropriate science vocabulary to communicate purpose of clean water/air

##### *Understanding Basic Concepts*

- Describe ways in which we depend on water
- Identify sources of water (in both a natural and built environment)
- Communicate why clean water is a scarce resource in parts of the world