



## **Water Cycles (Grades 4-5)**

Studying the water cycle through hands-on activities will help students understand how water can exist in various stages. They will also explore the impact of human actions on water.

### **Grade 4- Science Standards**

#### 3. Earth and Space Science

##### 2. Interdependence Within the Earth System

3. Water circulates through the Earth's crust, oceans and atmosphere in what is known as the water cycle.

4.3.2.3.1 Identify where water collects on Earth, including atmosphere, ground and surface water, and describe how water moves through the Earth system using the processes of evaporation, condensation and precipitation.

##### 4. Human Interactions with Earth Systems

1. In order to improve their existence, humans interact with and influence Earth systems.

4.3.4.1.1 Describe how the methods people utilize to obtain and use water in their homes and communities can

### **Grade 5 Science Standards**

#### 3. Earth and Space Science

##### 1. Earth Structure and Processes

2. The surface of the Earth changes. Some changes are due to slow processes and some changes are due to rapid processes.

5.3.1.2.1 Explain how, over time, rocks weather and combine with organic matter to form soil.

5.3.1.2.2 Explain how slow processes, such as water erosion, and rapid processes, such as landslides and volcanic eruptions, form features of the Earth's surface.