

A Drop of Water

Students will investigate the location and availability of water on the Earth

U.S. Department of Agriculture
Agriculture in the Classroom
Grades 3, 4, and 5

Math

Standard: 2

Benchmark: 3 The learner demonstrates the use of models to show relationships in a variety of situations.

Indicators: the learner: Demonstrates understanding of same and different.

Standard 2: Earth and Space Science

Benchmark: 1 All students will develop the understanding of the properties of earth materials.

Indicator : Observe and classify a variety of earth materials in their environment

Standard 5: Science and Technology

Benchmark: 2 All students will apply their understanding about science and technology

Indicators: Discuss that science is a way of investigating question about their world

Teacher information

One of the most important natural resources that cover the Earth's surface is water. All living things depend on water for survival. As the population of humans grows, the demand for clean water will increase. Scientists believe that all the water we will ever have is on the Earth right now. Whatever amount is available to humans and wildlife depends largely on how the water's quality is maintained. The following demonstration will show how little of the Earth's water is actually available for human consumption.

Materials

1 gallon of water

1 eye dropper

Set of measuring spoons

6 clear containers

Labels for containers

