

## 5th Grade: A Drop in the Bucket

Students learn about the percentage of available fresh water on Earth and that this resource is limited and must be conserved.

### Science

Str/std/bch	Performance Standard
I.I.III	5.3. Make predictions based on analyses of data, observations, and explanations.
II.III.II	5.3 Know that most of Earth's surface is covered by water, that most of that water is salt water in oceans, and that fresh water is found in rivers, lakes, underground sources, and glaciers.

### Math

Str/std/bch	Performance Standard
Alg.Cncpts.A.3	5.A.3.1 Use mathematical models to represent and explain mathematical concepts and procedures. ( <i>Torn paper prediction</i> )
Alg.Cncpts.A.3	5.A.3.2 Understand and use mathematical models such as: d. graphs, tables, and charts to describe data ( <i>pie chart</i> ) e. diagrams or pictures to model problem situations ( <i>water model</i> )

### Social Studies

Str/std/bch	Performance Standard
Geog.II.II-F	5.1 Understand how resources impact daily life. ( <i>Water is a limited resource.</i> )

## 5th Grade: Leak Detective

Students measure how much water can be lost in a slow and a fast leaking faucet. Using a worksheet they calculate how much water these leaks can lose in a day and a year.

### Science

Str/std/bch	Performance Standard
I.I.III.	5.1. Use appropriate units to make precise and varied measurements. 5.2. Use mathematical skills to analyze data. 5.3. Make predictions based on analyses of data, observations, and explanations.
II.III.I.	5.4. Describe how human activity impacts the environment.
III.I.I.	5.1. Describe the contributions of science to understanding local or current issues (e.g., watershed and community decisions regarding water use).

### Social Studies

Geog.II.II-F.	5.1. Understand how resources impact daily life. ( <i>Water is a limited resource.</i> )
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