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# The Earth's Water

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## curriculum links

### Grade 2

- ◆ Mathematics:  
*Number Sense and Numeration*



## overview

The Earth is covered mainly by water, but only a small amount of water is available for human consumption. Students learn about the composition of water on the Earth's surface through an engaging demonstration.

## grade 2 expectations

### Mathematics

#### Number Sense and Numeration

##### Overall Expectations

- ◆ Read, represent, compare, and order whole numbers to 100, and use concrete materials to represent fractions and money amounts to 100 cents;
- ◆ Demonstrate an understanding of magnitude by counting forward to 200 and backwards from 50 by various numbers as starting points.

##### Specific Expectations

##### *Quantity Relationships*

- ◆ Represent, compare, and order whole numbers to 100, using a variety of tools;
- ◆ Read and print in words whole number to twenty, using meaningful contexts;
- ◆ Compose and decompose two-digit numbers in a variety of ways, using concrete materials
- ◆ Regroup fractional parts into wholes, using concrete materials.
- ◆ Solve problems that arise from real-life situations

## key terms

**Depletion** - A loss of water from surface water reservoirs and groundwater aquifers at a rate greater than that of recharge.

**Freshwater** - Water that does not have salt in it.



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**Groundwater** - Water found in spaces between soils particles underground.

**Surface Water** - Water above the surface of the land, including lakes, rivers, streams, ponds, floodwater and runoff.

