



## Water Cycle

Target Grade:  
2<sup>nd</sup>, 3<sup>rd</sup>,

Through hands on activities students learn about the three different states of matter, the water cycle and importance of fresh water.

### Activities & Resources

- This capsule comes with lesson plans, background information, and the materials needed for the activities to demonstrate the water cycle and the three states of matter.

### Standards of Learning

#### Science

2.3 The student will investigate and understand basic properties of soils, liquids, and gases. Key concepts include

- Identification of distinguishing characteristics of solids, liquids, and gases.
- changes in phases of matter with the addition or removal of energy

2.1 The student will demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations in which

- observations and predications are made and questions are formed;
- two or more characteristics or properties are used to classify items;
- conditions that influence a change are identified and inference are made
- simple physical models are designed and constructed to clarify explanations and show relationships

	<p>3.9 The student will investigate and understand the water cycle and its relationship to life on Earth. Key concepts include:</p> <ul style="list-style-type: none"><li>b) the energy from the sun drives the water cycle</li><li>c) the water cycle involves several processes</li><li>d) water is essential for living things</li><li>e) water on Earth is limited and needs to be conserved</li></ul> <p>3.6 The student will investigate and understand that ecosystems support a diversity of plants and animals that share limited resources. Key concepts include:</p> <ul style="list-style-type: none"><li>d) The human role in conserving limited resources.</li></ul> <p>Language Arts 2.1a Sharing oral stories with others</p>
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