**Water Conservation**

**Grade:** 4th Grade

**Objectives:**

1. The student will recognize that there is a lot of water in the world, but that very little of it can be used for our drinking water and other water supply needs.
2. The student will recognize that ground water is a very small percentage of the earth’s water.
3. The student will describe how they use water at home.
4. The student will tell possible ways that water is wasted at home.
5. The student will learn how to conserve water at home.

This lesson is designed to help the student recognize if we take water, a basic necessity of human life, for granted. How much fresh water is in the world? Do we use water without thinking about it? What are some water facts? What do you and your family do that uses water? How much water does each of these activities typically use? For example, how much water does a five-minute shower use? How much water does it take to hand-wash dishes? To run an automatic dishwasher load?

**Teaching Model:** Focus – Explore – Reflect – Apply Learning

**Process:**

1. **Focus** – Introduction to Water Conservation (slide 1) – The student will be introduced to water conservation and will focus on understanding the importance of conserving water.
2. **Explore and Reflect:**

\*The division of the earth’s water (slide 2) – The student will use a gallon of water to discover the division of all the water in the world.

\*Water Statistics Matching Activity (slide 3) – The student will discover how much water is used for a variety of everyday activities.

\* Water Facts Tile Activity (slide 4) – The student will use this activity to learn more important facts about water.

1. **Apply Learning** – Conclusion (slide 5) - The student will discuss what they have learned and will be challenged to continue their study of water conservation and explore ways they can become “water wise.” The student will discuss the many uses of water and use an average daily water use tally to find ways to conserve water.

**Subjects Covered:** science and math

**Topic:** water conservation

Additional Websites to visit to learn more about water conservation:

 **American Water Works Association**  
<http://www.awwa.org/>  
Find out about efforts to improve the world's drinking water quality and supply.

 **Water Use It Wisely**  
<http://www.wateruseitwisely.com/>  
Learn about methods you can use to conserve water.