



## ACTIVITY #3: CAN YOU IMAGINE... LIFE WITHOUT WATER?

*In this activity, students learn to recognize water as a natural resource, make drawings of ways we use water, and explore water's role in our lives. Students gain a deeper understanding of water, the many ways we use it, and how essential it is for all life.*

### Arizona Department of Education Academic Standards

Please refer to the Arizona Department of Education Academic Standards section for the ADE standards addressed by this lesson.

**Instructions:** Have paper and crayons or colored pencils ready. Then follow these steps:

- 1) Begin by asking the class to brainstorm ways that we use water. List students' ideas on the board. Use prompting questions as needed to ensure that the list includes ways that students use water in their own lives and ways that society as a whole uses water (to grow food, to make electricity, in manufacturing processes, to carry wastes away from our homes).
- 2) Still writing on the board, ask if students know what a **resource** is. Define resource as a source or supply from which we can draw in time of need. Define **natural resources** as resources we take from the natural environment. These include air, water, soil, trees, and wildlife.
- 3) Be sure students all have paper and crayons or colored pencils. Ask everyone to sit quietly and close their eyes as you read this short guided visualization:  
"Imagine a glass of water sitting in front of you. What does the water look like? Imagine that you are very thirsty. Pretend you take a sip. What does it taste like? Imagine putting your finger in the water. What does it feel like? Now imagine that this glass of water grows until it becomes a pool big enough for you. Imagine yourself floating on the water, starting up at the sky. What does it feel like to float? Now think about your favorite place with water or your favorite way to use water. Imagine that you are in that favorite place or that you are doing that favorite thing....Now quietly open your eyes and draw your favorite place with water or favorite way to use water."
- 4) Remind students of all the ways we use water and that water is an important **natural resource**. Invite students to turn over their paper and make a second drawing, this time of a way of using water that they think is important to everyone.
- 5) When students have finished, ask volunteers to share and explain their drawings. Use this to generate discussion about the importance of water. Can you imagine life without water? Discuss how a scarcity of water would affect our daily lives. Affirm that water is essential to every living thing!
- 6) Ask students what questions they have about water. Discuss as you wish. List selected questions on the board and state that a special presenter named Dr. Faucet will visit soon and help the class learn more about water.