

## Post-Visit Lesson:

### *Water Smart Kids Make A Difference*



#### Lesson Overview

After the *Water Smart Kids* classroom presentation, students work at school or home to complete the fun and engaging activities in the *Water Smart Kids Learning Guide* to learn more about the water cycle, water sources, and water conservation. In addition, students use QR codes or URLs to watch related videos.

#### Arizona Department of Education Academic Standards

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

#### Learning Outcomes

Students will be able to:

- ➔ identify Tucson's four main water sources: groundwater, Colorado River water, recycled water, rainwater.
- ➔ describe changes in Tucson's groundwater since 1900.
- ➔ define and describe the following vocabulary: Sonoran Desert, groundwater, aquifer, water cycle, precipitation, evaporation, runoff, percolation, well, wastewater treatment plant.
- ➔ describe the water cycle.
- ➔ describe ways to conserve water.
- ➔ teach their family and friends about water.

#### Materials

- ➔ *Water Smart Kids Learning Guide* (one per student, provided at the end of the *Water Smart Kids* classroom presentation)

#### Procedure

1. After the *Water Smart Kids* classroom presentation, distribute the *Water Smart Kids Learning Guide* to each student.

2. Have students work on their *Learning Guides* during class or at home with family assistance.

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***(continued)***

3. Remind students that there are QR codes and URLs to numerous videos throughout the *Learning Guide*. Show the videos to students in class and/or encourage students to watch the videos at home with their families.

**Extension Ideas**

- Have students brainstorm ways to be Water Smart at school (for example, when washing hands and when using the water fountain).