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**WATER
MATTERS**

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An Educator's Guide to a Free Water Education Program



Water Watchers Program

Water Watchers is a comprehensive program for fourth, fifth, and sixth grade teachers in the Glendale water service area. The program progresses through each grade, where baseline knowledge of water-related issues is established in fourth grade and then applied towards real-life, service-learning projects in fifth and sixth grades.

The Water Watchers program is designed to supplement existing curriculum and provide teacher support in the delivery of innovative water education activities. Teachers will receive free resource materials and one-hour Discovery Station presentations from the Glendale Water Conservation Office.

Wayne Drop



Upon request, Wayne Drop will visit your school.

Goal



The goal of the Water Watchers program is to provide classroom learning experiences that lay a foundation for a water conserving lifestyle. The program raises awareness by actively engaging teachers and students in examining community and individual water use behaviors.

Benefits

The Water Watchers program is a hands-on, multi-disciplinary, and fun approach that offers a variety of activities, presentations, and free teacher resources. The activities are correlated to the **Arizona Academic Standards** and are designed to encourage peer interaction, critical thinking, and community involvement.

Topics

- Water Conservation
- Water Cycle
- Watersheds
- Groundwater
- Water Resources
- Water Quality
- Arizona Water History
- Sonoran Desert Plant and Animal Adaptations



Objectives

- Serve as a resource to teachers and students by providing teaching materials and expert information about local water issues.
- Provide background information about local, regional, and historical water issues.
- Inspire self-confidence and leadership skills through activities that promote critical thinking.

Discovery Stations Guest Presentations

Groundwater Flow Model – During this interactive presentation, students will observe the interconnectedness of surface water and groundwater, see how groundwater is stored, and identify various threats to groundwater.



Watershed Education Model – By providing plenty of opportunities for student participation, this presentation allows students to watch how surface water moves through a watershed.



Glendale Water History Trunk – Go back to the future during this presentation, which highlights the important role that water played in shaping Glendale, Arizona. Students will discover interesting artifacts and historical photos of Sahuaro Ranch during the 19th century.

