



Agriculture in the Classroom Grades K-4th

- Fall Pumpkin Reading Event: Life Cycle of a Pumpkin K-2nd grades
- STEM Ag Literacy: Celebrating STEM in Agriculture with a new book and activity every year 3rd & 4th grades
- Read Across America: Celebrating Dr. Seuss's Birthday K-2nd grades
- Spring Reading Event: Celebrate Earth Day with a new book and activity every year K-2nd grades

OUR SPONSORS



FREE, Water Conservation & Sustainable Agriculture Programs for Grades K-8

**VERDE NATURAL RESOURCE
CONSERVATION DISTRICT
ENVIRONMENT
ENVIRONMENTAL
EDUCATION
CENTER**

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Water Conservation Programs



Kids Conserve Water Kindergarten-4th Grades

A half day field trip to the Verde Valley Discovery Center emphasizing the importance of conserving water. Each visit includes an information booklet and STEM (science, technology, engineering, and mathematics) based activities.

Essential Questions:

- ◆ Where on Earth is water found?
- ◆ How does water get into and out of houses?
- ◆ Why is it important to SAVE and not WASTE water?
- ◆ How can we conserve water?

Water Stewardship Programs

Water Stewardship programs are one day field trips, aligned to Next Generation Science Standards, Arizona College and Career Ready Standards and integrate STEM activities.

Connections

5th grade studies the connections between Physical Science and Nature, the World and Water. Students follow the path of a drop of water by reading *A Drop Around the World*, by Barbara Shaw McKinney and then explore the physical properties of water and its connections in nature at Dead Horse Ranch State Park.

Ground Water

6th grade students learn about the link between groundwater and surface water through an in-depth examination of a groundwater model. Students better understand the cultural significance and historical impacts of groundwater and its relation to the Verde River at Big Springs Natural Area and Tuzigoot National Monument in Clarkdale.



7th grade participates in the Top 10 WANTED program where they learn about the economic, social and ecological impact of native and invasive species in the Verde Watershed. Students create “Wanted Dead and Alive” posters along with a field trip to Dead Horse Ranch State Park to understand the impacts of invasive species on native ecosystems through aquatic macro-invertebrate collection and study.

“What I love most about these programs, is that they provide hands on Environmental Education!”



8th grade evaluates how the health and quality of a river affects all water users including humans, agriculture, animal, and industry. After touring a local wastewater treatment plant, students perform onsite water evaluations. At Dead Horse Ranch State Park further water quality testing of the Verde River is performed and students evaluate river health. Students understand through an interactive demonstration how everyone contributes to the pollution of a river.