



*Agriculture in the Classroom
Grades K-2*

- Fall Pumpkin Reading Event: Life Cycle of a Pumpkin
- Read Across America: Celebrating Dr. Seuss's Birthday
- Spring Reading Event: Celebrate Earth Day with a new book and activity every year



Food Connections 3rd Grade

A three-day program where students investigate the process of growing food and how it gets to our plates. Students receive a free Apple Ag Magazine.



The Agricultural 5 C's of Arizona 4th Grade

Three days packed with classroom activities: dissecting a cotton boll, graphing Arizona grown commodities and "Beefing" up on grammar.

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

VERDE NATURAL RESOURCE CONSERVATION DISTRICT

ENVIRONMENTAL EDUCATION CENTER

P.O. Box 341
Clarkdale, AZ 86324
928-963-0238

Website: vnrccdec.org
Erin Cody-Executive Director
erincody@vnrccdec.org



Water Conservation Programs



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?

Kids Conserve Water Kindergarten-4th Grades

A classroom experience emphasizing the importance of conserving water. All classrooms are visited four times a year. Each visit includes and information text selection and a short STEM (science, technology, engineering and mathematics) based activity. Children keep the activity book at the end of the year.

Water Stewardship Programs

Water Stewardship programs take place over three days, are aligned to Next Generation Science Standards, Arizona College and Career Ready Standards and integrate STEM activities. ALL programs have an associated field trip.

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 Montezuma Well so see, collect and understand the impacts of invasive species on native ecosystems.

“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.