

More Than a Drop: Aquifers Uncovered

This trunk opens students' eyes to the various facets of water, from raindrops to aquifers. Students will be challenged to think about where water comes from, how it got there, where it ends up, and how it is being used. CONSERVATION is the main message!

During your 2-week reservation, incorporate the materials and curriculum into your classroom as you choose!

Incorporate while teaching: *Basic Needs, Groundwater and Watersheds, Water Cycle and its Processes, Water Testing, Pollution, Conservation of Natural Resources, Aquifers, Natural Sources of Water, States of Matter, Food Chains, and Food Webs, Habitats and Environments, Uses of Water, Weathering, Erosion, and Deposition, Aquatic Plants, Physical Characteristics of Environments and its Animals*

Lessons

States of Water Refresher Demo
All the Water in the World Demo
Web of Life
Water Recycler Model
Aquifer Modeling Class Activity
Aquifer on the Go
Bug-picking Field Activity
Water Monitoring Lab and Field Investigations
The Raindrop Family Joins the Water Cycle

Vocabulary

Aquifer	Invertebrate
Conservation	Precipitation
Evaporation	Recycle
Freshwater	Surface Water
Groundwater	Water Cycle

Suggested Science TEKS

Kindergarten: 1A, 1B, 1C, 2A, 2B, 2C, 2E, 4A, 4B, 5B, 7B, 7C, 8C, 9B
1st grade: 1A, 1B, 1C, 2A, 2B, 2C, 2E, 4A, 4B, 5A, 5B, 7B, 7C, 8A, 9A
2nd grade: 1A, 1B, 1C, 2A, 2B, 2C, 2E, 4A, 4B, 5B, 5C, 8C, 9A, 9B, 9C
3rd grade: 1A, 1B, 2A, 2B, 2D, 2E, 2F, 3A, 3C, 3D, 4A, 4B, 5B, 5C, 7B, 7C, 7D, 8B, 9A, 9B, 10A
4th grade: 1A, 1B, 2A, 2B, 2C, 2D, 2E, 2F, 3A, 3C, 3D, 4A, 4B, 5A, 5B, 7A, 7B, 7C, 8B, 9A, 9B, 10A
5th grade: 1A, 1B, 2A, 2B, 2C, 2D, 2E, 2F, 3A, 3C, 3D, 4A, 4B, 5A, 6A, 6C, 7B, 8B, 9A, 9B, 9C, 10A
6th grade: 1A, 1B, 2A, 2B, 2C, 2E, 3A, 3B, 3C, 3D, 4A, 4B, 5A
7th grade: 1A, 1B, 2A, 2B, 2C, 2E, 3A, 3B, 3C, 3D, 4A, 4B, 5C, 8A, 8B, 8C, 10A
8th grade: 1A, 1B, 2A, 2B, 2C, 2E, 3A, 3B, 3C, 3D, 4A, 4B, 5D, 11D

Reference Materials

Major Aquifers of Texas map
Minor Aquifers of Texas map
Maps & Information pages of the 9 major aquifers:
Carrizo-Wilcox, Cenozoic Pecos Alluvium, Edwards (Balcones Fault Zone), Edwards-Trinity Plateau, Gulf Coast, Hueco-Mesilla Bolson, Ogallala, Seymour, Trinity
Conserving Water Indoors & Outdoors
Groundwater Basics

Worksheets

Surface Water, Groundwater, and Aquifers Explained
More Than a Drop Crosswords
The Water Cycle Questionnaire
The Water Cycle – Label Your Own
Pollution Worksheet
How Do Humans Use Water?
Water Use Worksheet
Water Cycle Boogie
Vocabulary

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Each school is allowed to reserve two (2) Discovery Trunks per semester.
Trunk reservations are handled first-come-first-serve.*

