

SCHOOLS ATTENDING

Ansley
Central Valley - Scotia
Dodge – Grand Island (3 classes)
Doniphan (2 classes)
Emmanuel Faith Lutheran – York
Engleman – Grand Island (4 classes)
Harvard
Humphrey St Francis
Litchfield
North Park (3 classes)
Ord (2 classes)
Platte Center (2 classes)
Sandy Creek - Fairfield
Seedling Mile – Grand Island
Shoemaker – Grand Island (3 classes)
St Anthony's - Columbus
St Paul (3 classes)
Stuart
Superior (2 classes)
Trinity Lutheran – Grand Island

SCHOOL NOTABLES

35 groups from 20 schools are represented
700 students are attending
Largest school: Engleman Elementary - 84 students
Smallest School: Stuart - 9 students

FESTIVAL COORDINATORS

CENTRAL PLATTE NRD STAFF

Marcia Lee – Central Platte NRD
Brody Vorderstrasse - Central Platte NRD

CAMPUS COORDINATORS

Rob Briseno - Central Community College
Karen Cox - Central Community College
Ranae Ehlers - College Park

Visit the Nebraska Children's Groundwater Festival at
www.cpnrd.org/education

THANK YOU!



The Groundwater Festival is supported by the following businesses and individuals. Central Community College and College Park provide their facilities at no cost.

Main Sponsor (\$10,000)

Central Platte Natural Resources District

Awesome Aquifer Adventurer (\$4,000 - \$1,000)

City of Grand Island Utilities Department
Fred Otradovsky
Hornady Manufacturing Company

Legendary Lake League (\$999 - \$500)

Lower Loup Natural Resources District

Babbling Brook Benefactor (\$499 - \$250)

Copycat Printing and Signs
Coca-Cola of Grand Island

Supreme Springwater Supporter (\$249 - \$100)

Donna Wanitschke
Kiwanis Club of Grand Island
Sam's Club of Grand Island
Walmart North of Grand Island

Festival Friend (\$99 - \$35)

Roger and Julie Frandsen
Hy-Vee of Grand Island
Lee's Family Restaurant
Middle Niobrara Natural Resources District
Bryan and Sue Powell
Super Saver - Five Points
Super Saver - 2nd Street

Nebraska Children's Groundwater Festival



Educating youth on the importance
of our most precious resource...
GROUNDWATER

Tuesday, May 17, 2022
Central Community College & College Park
Grand Island, Nebraska

Nebraska Children's Groundwater Festival promotes conservation of groundwater quality and groundwater use by providing an event for water and natural resources professionals to teach up to 1,000 students in one day.

Over 31,000 students have been educated at the Festival since 1988. Each school attends six in-depth classroom activities and a stage show.

This event was the first groundwater festival formed and has been replicated in 42 states in the USA, Mexico, Canada, India and the United Kingdom.



**CENTRAL PLATTE
NATURAL RESOURCES DISTRICT**

PROTECTING LIVES. PROTECTING PROPERTY. PROTECTING THE FUTURE.

PRESENTATIONS

CLASSROOM ACTIVITIES

Classroom Activities are in-depth and hands-on. These 25-minute classroom-style presentations are held at both college campuses with up to 30 students per session.

CCC = Central Community College **CP = College Park**

Awesome Aquifer (CCC 313) *Natural Resources Conservation Service*
Learn about location, size and function of the High Plains Aquifer by constructing your own model.

Awesome Aquifers (CCC 457) *U.S. Geological Survey*
Learn how surface water and groundwater interact and how external factors like pumping and contamination affect them.

Consequences of Unpurified Water (CCC 452) *Stuhr Museum*
Historical-based activity. Students act as pioneers who travel along the trail and encounter different drinking water choices.

Critter Cube Count (CCC 522) *Grand Island Izaak Walton League*
Role dice to identify macroinvertebrate, then use math to calculate the health of a stream and how it affects groundwater.

Erosion, Water Quality & More (CCC 555) *Central Community College*
Engage in various activities pertaining to erosion, native plants, soil quality, pollinator and rain gardens related to groundwater filtration.

Febold Feboldson (CCC 454) *Presented by: Bob Manley Jr.*
Students learn the “real” history of groundwater from Nebraska’s own Tall Tale Hero! Students act out some of the tall tales.

GIS/GPS: Know It! (CP 203/204) *Central Platte NRD*
Use GPS units to see how NRDs calculate groundwater levels from year-to-year to manage water resources.

Going With the Flow (CCC 405) *NE Dept of Environment & Energy*
Conduct your own solubility test, act out the process of infiltration and interact with a groundwater flow model.

Goopy Garbage (CP Ext. Room 2) *Upper Big Blue NRD*
Create a model landfill to discuss precipitation, percolation and leachate to learn how important it is to protect groundwater from contamination.

Green/Gray Relay (CP 103/104) *Nebraska Extension*
Compete in a green/gray relay race to learn the relationship of non-point source pollution to the surface and groundwater interaction.

Groundwater: It’s in What You Drink! (CCC 310) *Ensign Beverage*
We’ll discuss what beverages are made with groundwater including those made here in Nebraska.

Groundwater Jeopardy (CCC 396) *Nebraska Corn Board*
Use teamwork to tackle topics on groundwater & Nebraska ag topics through trivia questions, Pictionary and charades.

H2O and the 3 R’s (CCC 554) *Keep Loup Basin Beautiful*
Learn how trash and proper or improper recycling practices affect the groundwater system and Ogallala Aquifer through hands-on activities.

Hidden Household Hazards (CP 105/106) *Meridian Enrichment Program*
Learn about safe, effective, alternative cleaning solutions that will not harm the groundwater.

How Wetlands Work (CCC 312) *Ducks Unlimited*
Create your own wetland and learn how they help people every day by preventing flooding, pollution and replenishing groundwater supplies.

Invasive Species of Nebraska (CP 209/210) *Nebraska Invasive Species Program*
Learn about invasive species of concern in Nebraska and how they can impact groundwater and other natural resources.

Point/Non-Point Source Pollution (CCC 253) *City of Grand Island Stormwater Program*
Learn about waterfowl migration and importance of habitats with the focus on wetlands as stopover sites.

Rain, Rain, Come My Away (CP 207/208) *Noyes Art Gallery*
Make a rain stick using recycled materials and dance while learning groundwater facts.

Rubber Duck Trivia (CCC 255) *NE Department of Natural Resources*
Learn a variety of groundwater info through an interactive trivia game.

Soil is the Skin of the World (CP Ext. Room 1) *USDA/NRCS State Soil Scientist*
We’ll get our hands in the dirt to build your own Soil Profile Card. Live demonstrations and real soil visual aides.

The Incredible Journey (CCC 456) *EA Engineering, Science & Technology*
Learn the physical properties of water and how it moves through the water cycle by rolling dice and creating a bracelet based on properties of water in soil, plants, surface & groundwater.

Wastewater Jeopardy (CCC 524) *NE Water Environment Association*
Play an interactive water version of the game show Jeopardy with questions related to water and wastewater.

Water Cycle Bingo (CCC 552) *GI Area Clean Community System*
Learn about stages of the water cycle by rolling the dice and match it to its correct definition.

Water Cycle Bingo (CCC 258) *Hall County 4-H*
Learn the pieces that make up the water cycle - from evaporation to precipitation!

Water Drop Relay (CP Multipurpose Room) *Lower Loup NRD*
Teams will compete to finish first in a water cycle relay.

Water Rockets (CP 107) *Grand Island Groundwater Guardian Team*
Use water and compressed air to make water rockets and learn about Grand Island’s water system.

Weather & Water “Feud” (CCC 311) *National Weather Service*
Play an interactive game like Family Feud while learning weather and water information.

STAGE SHOWS

Mime, Masks & the Magic of Groundwater (CP Auditorium)
Fax Gilbert performs skills of mime, magic, masks and comedy to teach and inspire students about groundwater.

The Raptor Connection (CCC 355-Cafeteria)
Raptor Recovery will bring live raptors for you to meet up close! Learn how raptors are dependent upon groundwater and surface water for food, shelter and nesting.

A special thank you to Festival presenters and volunteers for providing your time and talent!