

## SCHOOLS ATTENDING

Anselmo-Merna Elementary, Merna  
Burwell Elementary, Burwell  
Emmanuel-Faith Lutheran, York  
Engleman Elementary, Grand Island  
Grand Island Christian, Grand Island  
Heartland Community, Henderson  
Hitchcock County, Culbertson  
Jefferson Elementary, Grand Island  
McDaid Elementary, North Platte  
New Hope Christian, Cairo  
Ord Elementary, Ord  
Overton Elementary, Overton  
Seedling Mile Elementary, Grand Island  
Shelton Elementary, Shelton  
St. Michaels, Albion  
Starr Elementary, Grand Island  
Stuart Elementary, Stuart  
Trinity Lutheran, Grand Island  
Wood River Elementary, Wood River  
Zion Lutheran, Kearney

## SCHOOL NOTABLES

20 schools are represented at the Festival  
689 students are attending with 34 teachers  
**Largest school:** Starr Elementary - 92 students  
**Smallest:** Grand Island Christian- 1 student

## FESTIVAL COMMITTEE

### COORDINATORS

Kelly Cole and Marcia Lee- Central Platte NRD

### FESTIVAL COMMITTEE

Roger Andrews- GI Groundwater Guardian Team  
Rob Briseno- Central Community College  
Karen Cox- Central Community College  
Julie Frandsen- GI Groundwater Guardian Team  
Liz Gerberding- Volunteer  
Jan Tell- Retired Teacher

## THANK YOU!



The Festival is supported by the following businesses and individuals. The Central Community College and College Park of Grand Island provide their facilities at no charge.

### Main Sponsor (\$10,000)

Central Platte Natural Resources District

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

City of Grand Island Utilities Dept. Fred Otradovsky  
Hornady Manufacturing Co

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

Lower Loup Natural Resources District Olsson Associates

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

Copycat Printing and Signs Hiland Dairy Foods  
CHI Health Lee's Family Restaurant  
CNH Industrial Foundation Pepsi Bottling Group of G.I.  
Grand Island Rotary Club Super Saver (2 G.I. Locations)

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

Ashton State Bank Upper Loup Natural Resources District  
Kiwanis A.M. Club Donna Wanitschke  
Kiwanis Club of Grand Island Wenzl Construction Inc

### Festival Friend (\$99 - \$35)

Coca-Cola of Grand Island Virginia Good  
Roger and Julie Frandsen Hy-Vee  
Middle Niobrara Natural Resources District

*\*During this 30th Anniversary, we remember our special friend and long-time supporter, Ken Gnad, who was instrumental in bringing the Groundwater Festival to Grand Island. \**

## Nebraska Children's Groundwater Festival

30th Anniversary!



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

**Tuesday, May 7, 2019**

**Central Community College & College Park  
Grand Island, Nebraska**

*The 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 30,000 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 to be formed and has been replicated in 42 states in the U.S.A., Mexico, Canada, India, and United Kingdom.*



Central Platte Natural Resources District  
cpnrd.org

# PRESENTATIONS

CCC = Central Community College CP = College Park

**Stage Shows** are held in College Park's auditorium & Central Community College cafeteria. Up to 300 students attend each 25-minute session. These presentations are entertaining and have a high level of energy.

## STAGE SHOWS

### **Mime, Masks & Magic of Groundwater (CP Auditorium)**

**Fax Gilbert** Gilbert performs skills of mime, magic, masks and comedy to teach and inspire students about groundwater.

### **The Raptor Connection (CCC 355-Cafeteria) Fontenelle Forest's**

**Raptor Recovery** Meet live raptors up close and personal! Learn how raptors are dependent upon groundwater and surface water for food, shelter and nesting.

## 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.

**Awesome Aquifer (CP 103/104)** *The Groundwater Foundation*  
Learn about groundwater interactions with surface water and effects of pumping.

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

**AWWA Groundwater Model (CCC 456)** *Nebraska American Water Works Association*  
Students interact with model that displays relationship between surface water and groundwater.

**Honeybees & You (CCC 524)** *Central Community College- Bee Campus USA*  
See how honeybees interact and discover how important honeybees and other pollinators are important to you.

## CLASSROOM ACTIVITIES

**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.

**Eco-Friendly Alternative Household Cleaners (CP 209/210)** *Meridian Enrichment Program*  
Students use activities using safe alternative cleaning solutions that will not harm the groundwater.

**GIS/GPS: Know It! (CP 200)** *Central Platte Natural Resources District*  
Use GPS units to see how NRDs calculate groundwater levels from year-to-year to manage water resources.

**GISH Water Island & GISH Water World (CCC 258/260)** *GI Senior High Environmental Science Classes*  
Rotate through interactive activities to learn about the water cycle, ground/surface water & High Plains Aquifer.

**Groundwater: It's in What You Drink! (CCC 255)** *Ensign Beverage*  
Students list all the different kinds of drinks they can think of & then they'll be introduced to kombucha and how much water it takes to brew it.

**H2O and the 3 R's (CCC 554)** *Keep Loup Basin Beautiful*  
Students walk upstream to Ogallala Aquifer and discover effects littering has on our groundwater and river systems.

**Household Hazardous Waste Jeopardy (CCC 457)** *Grand Island Area Clean Community System*  
Play a Jeopardy-style game on how household hazardous waste & learn how it affects groundwater and the environment.

**How Wetlands Work (CCC 452)** *Ducks Unlimited*  
Learn how wetlands help people every day by preventing flooding, pollution, replenishing groundwater supplies.

**Pollinator Fun! (CCC 555)** *Central Community College*  
Tour CCC's Environmental Sustainability pollinator garden.

**Preventing Groundwater Pollution (CCC 312)** *City of Grand Island/ City of Kearney*  
Learn how groundwater pollution occurs and ways to prevent pollution with our hands-on Enviroscape.

**Protecting Our Drinking Water (CP 105/106)** *Nebraska DHHS-Drinking Water Division*  
Learn how we ensure that your drinking water is safe.

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

**Seed Bombs for Wet Meadow Pollinators (CCC 405)** *The Crane Trust*  
Make seed bombs while learning about wet meadow importance to wildlife, pollinators, groundwater recharge, and sub-irrigation.

**Stormwater Sleuth & the E-coli Relay (CP Park Room)** *UNL Extension*  
Compete in a green/gray relay race to learn the relationship of non-point source pollution to the surface and groundwater interaction.

**Wastewater Jeopardy (CCC 525)** *Nebraska Water Environment Association*  
Play an interactive water version of the game show Jeopardy with questions related to water and wastewater.

**Water and Dyeing Our Clothes (CCC 455)** *Spindle, Shuttle & Needle*  
Dye your own scarf while learning about problems that arise while dyeing clothing and new scientific methods to dyeing.

**Water Cycle Relay (CP 203/204)** *Hall County 4-H*  
Learn different stages of water cycle with ice while participating in a relay race.

**Water Drop Relay (CP Fonner Room)** *Lower Loup Natural Resources District*  
Teams will compete to finish first in a re-enactment of the water cycle.

**Water Filtration (CCC 396)** *Nebraska Department of Environmental Quality*  
Learn how to make a water filter using pop bottles, sand, gravel, paper towels, and activated charcoal.

**Water Rockets (CP 206)** *Grand Island Groundwater Guardian Team*  
Use water and compressed air to make water rockets and learn about Grand Island's water system.

**Water Table (CCC 454)** *Audubon's Rowe Sanctuary*  
Learn how water interacts with the environment and how important groundwater is to an ecosystem.

**Weather & Water "Feud" (CCC 311)** *National Weather Service*  
Spin the wheel to answer questions about Nebraska groundwater.

**A special thank you to our presenters, volunteers, and committee for providing your time and talent to ensure that the Festival is a success!**