



Dear San Antonio Area Teachers,

The Greater Edwards Aquifer Alliance is pleased to announce that, thanks to a grant from Rackspace, we will be able to offer our Watershed, Aquifer, and Groundwater presentations, along with field trips to Government Canyon State Natural Area, for 7th or 8th grade Middle School students, and High School students taking Environmental Systems or Aquatic Science during the 2015 school year.

Prepare your Middle School students for the **STAAR** test by scheduling **free** presentations provided by the Greater Edwards Aquifer Alliance, teaching how human activity effects groundwater and surface water in a watershed. The presentation addresses aquifer formation, the relationship between surface and groundwater, and how students can affect human impact on our watersheds. It also includes demos and models of how watersheds and the aquifer work (7.8C).

The High School presentation provided by GEAA addresses Environmental Systems TEKS 5 B: identify source, use, quality, management, and conservation of water and 9 A: identify causes of water pollution, including point and nonpoint sources. We also offer a presentation addressing Aquatic Science TEKS 7 B and C.

GEAA will provide a certified Science Instructor for classroom presentations, and provide all materials for the lab, as well as admission for all students and chaperones who are visiting Government Canyon (transportation must be provided by the school). In addition participating Science teachers will receive a free GEAA's DVD "*Human Impact on the Edwards Aquifer*", curricular materials, a classroom map of our Edwards Aquifer, and samples of Edwards Limestone and karst.

Presentations are available at any time during the school year. Government Canyon Field Trips are available in September, October, the first two weeks of November, March, April, and the first 2 weeks of May (weather permitting).

We ask that you also schedule a backup date for the Government Canyon field trip in case of rain.

Please contact Joann De Luna, GEAA Educational Programs Director, at geainschools@yahoo.com or call her at (210) 410-8642 to schedule for your school.

Groups who are going on the Government Canyon field trip are limited to 40 students at a time, and we ask that the school provide 1 chaperone for every 10 students. You can request multiple presentations and trips for your school. We ask that you provide lunches and water for your students.

You can choose from the following options:

Option A: 2 days: one classroom presentation and one day at Government Canyon State Natural Area

Day 1 – Classroom presentation (power point/ and demos) for your classes. The presentation will take one class period and will address Science TEKS 7.8C

Day 2 - Government Canyon Field trip to “Walk Our Watershed” in which 40 of your students (plus teachers and chaperones) will get free admission to Government Canyon State Natural Area for a guided tour of the Edwards Aquifer recharge zone and watershed.

Option B: choose either 3 or 4 days:

Day 1- Classroom presentation and demos addressing 7.8C Watersheds

Day 2- Classroom presentation and demos addressing 7.8C Groundwater and the Edwards Aquifer

Day 3- optional: Aquifer Lab (we provide all lab materials) for each of your classes.

Day 4- optional: Government Canyon Field trip to “Walk Our Watershed” in which 40 of your students (plus teachers and chaperones) will get free admission to Government Canyon State Natural Area for a guided tour of the Edwards Aquifer recharge zone and watershed.

We also provide teacher in-services (by request).

We look forward to working with you in the classroom!

Joann De Luna, Education Director

Annalisa Peace, Executive Director

www.AquiferAlliance.org

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and, you can donate to GEAA on line or mail contributions to support GEAA to PO Box 15618, San Antonio, Texas 78212