



Broken Arrow Math Update



Friday, January 10, 2014

Announcements

OERB is hosting an Energy Education Workshop for K-12 teachers at **Broken Arrow High School** on **Saturday, March 29th** from 7:45 a.m. – 4:00 p.m. Lunch is provided and teachers receive a \$50 stipend for attending upon completion of the workshop day. These scheduled workshop sessions contain curriculum aligned to the OAS mathematics standards with emphasis on coursework of Algebra 2 through Calculus (advanced Algebra 1 could be included)

The most exciting aspect: Each attendees will be receiving a supply kit correlating to the OERB presentation containing classroom materials as well as 3 TI-84 Plus C Silver Edition (color screen) **ALL COMPLETELY FREE!!!!**

Please click [here](#) to register for the workshop. OERB has enacted a cancellation policy, so you will be asked to submit your credit card information during registration. The cancellation fee is \$15 and only applies if you cancel within 48 hours of the workshop or if you register and do not attend.

Don't forget! The Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST) meeting for K-6th grade teachers is moved to **Tuesday, January 14th** at 4:15 p.m. The location will still be **Leisure Park Elementary** in the Media Center. Nominations may be submitted now by going to <https://www.paemst.org>.

“STEMulating Teaching!” is a professional development opportunity for select teachers this summer at The University of Tulsa. Participants hone their interdisciplinary content knowledge and get acquainted with new standards by receiving training in mathematics, engineering, and all science fields. Teachers receive a stipend, supplies, months' worth of discovery activities, and three hours graduate credit. Look for applications this spring!

Resources

Incorporating literacy into mathematics can be a challenge at times and the following two resources could assist in utilizing written language to express math. Click [here](#) to view 150 Essential Questions in Math which are great prompts for opening discussion in the classroom as well as encouraging written explanations. Another means of including text would be to take a look at the pinterest post: *Five Picks for Powering Up STEM*. Even though some selections are listed as elementary texts, the listed options are a springboard to using aspects of STEM education to incorporate mathematics and science curriculum leading to discovery learning. Click [here](#) to view the selections available for stimulating dialogue among students.

The following [link](#) offers tips and suggestions on how to encourage critical thinking as well as using written expression on formative assessments for our students. The article offers different ways to analyze the assessment data along with how student responses could be used as a diagnostic tool. Although the article is referring to science curriculum, the information could be applied to different discipline areas and also be a part of your discussions during PLC meetings.