



Broken Arrow Math Update



Tuesday, April 1, 2014

Resources

Summer Professional Development:

Northeast State University is offering professional development opportunities for summer 2014 for teachers of **Algebra I, Geometry, and Algebra II**. The training includes a week in either June or July along with completion of one follow up session in the fall and one follow up session in the spring. Teachers will also be **paid a stipend** for the summer sessions as well as for each follow up session! The workshop focuses on implementing the OAS standards into curriculum and instruction as well as providing a wealth of resources. Click [here](#) to access workshop information and registration. Only a few spots remain!

What to know more about integrating TI technology into your classroom? Jenks will be hosting a **T³ Summer Workshop** for the eastern region in June 2014 for **all content areas**. The sessions focus on implementing TI technology in the classroom and participants will leave with hands-on activities to use right away with students. Click [here](#) to access the registration information.

Registration for Advanced Placement Summer Institutes, for both the University of Oklahoma and the University of Tulsa, is now open. Three separate weekly sessions are offered in June and July and click [here](#) to access the workshop/registration information.

Student tutorials:

Students may need an additional “re-teach” moment while they are away from school or practicing skill at home. The next three resources offer free mini tutorial sessions for students to access at any time.

1. Karl Fisch created videos for different areas of content which can be found [here](#).
 2. MathTV.com has compiled short taped tutorials in all areas of mathematics from basic mathematics through calculus and the videos can be accessed [here](#).
 3. [Math Open Reference](#) is a site that has interactive resources and information on different math topics, including Plane Geometry, Trigonometry, Coordinate and Solid Geometry, and function explorer tools; it's a great resource for teachers and students.
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Lesson Planning:

The K20 Center at the University of Oklahoma has created research based lessons tied to OAS standards that also incorporate literacy practices into the mathematics classroom. Activities are also labeled for interdisciplinary when applicable. The following [website](#) offers a collection of varying free lessons and tools to implement into instruction.

The Alabama Learning Exchange (ALEX) has a collection of free lesson plans containing access to different areas of mathematics which are aligned to standards. The search engine is easy to use and offers a large set of sources to choose from. Visit [this](#) website to explore.

Do you struggle with your students talking math strategies in the classroom? The Cornerstone has provided a list of strategies to encourage discussion among students as they are implementing practice of learned content. Find the information [here](#) to access the different techniques.

Grant Opportunities:

The [Harlan Krumme Memorial Energy Education](#) grant is intended to reward innovative teaching techniques and to develop energy education resources for Oklahoma educators. The winning entry will receive a \$500 classroom grant and will be awarded a check for an additional \$500 for the teachers use. The winning lesson will be promoted as a classroom resource for all educators to see and use via OERB's new educator website www.OERBHOMEROOM.com.

Harlan Krumme Grant Deadline: April 25, 2014.

Teacher Vision Grants

Teachers motivate youth to learn to think creatively, to step into leadership roles and to address the challenges of the future. If adequate funding is all that stands between you and a new classroom adventure, American Electric Power's Teacher Vision Grant program may help.

Announcements

Touchstone Energy Cooperatives and the K20 Center are seeking applications from innovative Oklahoma educators for the SKIE(Supporting K20 Innovative Educators) Award.

Teachers or groups of educators who use technology to transform their classroom instruction should apply for the Touchstone Energy Supporting K20 Innovative Educators (SKIE) Award, **due May 16**. Made possible by a \$90,000 donation from Touchstone Energy Cooperatives, the SKIE award will honor six regional winners with \$500 grants and one statewide winner with an individual \$1,500 award. Click [here](#) to access application information
