

YEAR THREE of the newsletter for great resources from your Texas Panhandle P16 Council!



JANUARY 2015 NEWSLETTER

**CHECK OUT SUBJECT-SPECIFIC INFORMATION BELOW FOR RESOURCES
AND IDEAS TO
SUPPORT WHAT YOU'RE DOING IN THE CLASSROOM!**



SCIENCE

Matthew Broxson

mbroxson@fpctx.edu

As any science educator knows, literacy in science can help citizens in basically every part of our life. One area that is routinely overlooked, particularly as a marketing ploy, is validating scientific claims.

Pseudosciences abound in modern society! Many of these are transparent, but not all of them. When victimized by this multi-billion dollar industry, at best we get swindled and at worst we lose our lives (e.g. forgoing legitimate medical treatment), environment, etc.! We all fall victim periodically, but with vigilant skepticism (not to be confused with pessimism!) we can learn to protect



SOCIAL STUDIES

Doug Hes

douglashes@herefordisd.net

[CLICK HERE](#) for the latest information and resources for your social studies classroom!

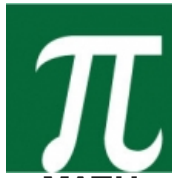


ENGLISH

Heather Hale

hhale@canyonisd.net

When I was a child, I used to play the popular game called Memory or Concentration. We laid the cards out face down, and the objective was to remember where the pairs were in order to collect the most pairs. I also liked to play other games that challenged my memory skills. While education gurus tend to focus on higher order thinking, memorization and basic fact learning is a solid foundation for studying, especially with vocabulary, grammar rules, and spelling. [CLICK HERE](#) for more memory aides/games for developing strong study skills.



MATH

Tammy Nash

tammy.nash@amaisd.org

"Aquarium Makers"
From "The FUTURES
Channel"

You had better be sure your math is right if you're going to put 5,000 gallons of water, fish, coral and sand inside a house or office!

Introduce your students to the owners of Infinity Aquariums. They love the challenge of recreating a slice of the ocean indoors. Day in and day out, they use volume calculations, temperature, measurement and lots of science to create these beautiful habitats. Be sure to check out the downloadable classroom activity titled Aquariums Under Pressure, located just below the main movie.

[CLICK HERE](#) to watch the video.

ourselves. This particular brand of applied logic can be nurtured from a young age. After a few conversations about this, my 11 year old has become a pro at pointing out suspect marketing on TV, health food isle, radio, etc.! However, it did not automatically take hold and as a parent I had more time with her than she had in class. Making a game – maybe "Spot the Hooey" – out of this could teach kids of any age group to start being critical about what is presented to them. Depending on how you set up the game this may also support other academic and life skills such as critical thinking, teamwork, communication, and personal responsibility. With my older students I have even had them bring in an example of a pseudoscience as part of an exercise on the scientific method. Below is a link from the publisher (Springer) to a book chapter that gives a nice discussion on the basics of this topic. [CLICK HERE](#) to read the chapter.

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