**Math News**

**February 2019**

Welcome to all the new members the Math Community has added over the last few months. If you have any questions or are looking for additional resources, please drop me an email at kmauro@pa.gov. You can also invite your fellow math teachers to join the community as long as they have a SAS account.

**PCTM:**

On behalf of the members of the PCTM 2019 Conference Committee, I am writing to announce and *invite* Math educators of **all** levels to the *fifth* annual PCTM Summer Conference scheduled for Wednesday, **August 7th** and Thursday, **August 8, 2019** at the Hilton Harrisburg in Harrisburg, PA.

Additionally, the committee is asking for speakers’ proposals, which are due for review by January 4, 2019.  Please consider this opportunity and invite your colleagues to submit proposals as well.

A copy of the flyer is in the content repository of the math community in the PCTM folder.

**Math Resources, using educational technology:**

PhET is a very good platform that offers free interactive simulations to help  students develop a an informed understanding of a variety of phenomena covering science, physics and math.  These simulations come to life via the use of graphics, interactive controls, sliders and radio buttons. Students can easily manipulate its intuitive interface and even get animated feedback and responses as they navigate their way through simulations.

[**https://www.educatorstechnology.com/2019/01/interactive-simulations-for-math-and.html**](https://www.educatorstechnology.com/2019/01/interactive-simulations-for-math-and.html)

**Math Games/Practice:**

[MathGames](https://www.mathgames.com/) provides 1200 different ways to practice math, ranging from Pre-K all the way to the 8th grade. Parents and Teachers get instant feedback on their students progress and can decide which method is best used to reach their students - interactive questions or fun games powered by the very same content.

[**https://www.educatorstechnology.com/2019/01/here-is-excellent-math-website-for.html**](https://www.educatorstechnology.com/2019/01/here-is-excellent-math-website-for.html)

**NASA for Educators:**

<https://www.nasa.gov/audience/foreducators/current-opps-index.html>

**Math Intervention Resources:**

[Intervention Central: Response to Intervention | RTI | RTI Resources](https://www.interventioncentral.org/)

**Intervention** Central is the leading **resource** for Response to **Intervention** (RTI) tools and ... provides teachers, schools and districts with **free resources** to help struggling ... letters, **math** facts, spelling and sight words, and even vocabulary terms.

<https://www.interventioncentral.org/>

**Articles:**

Fluency Without Fear: Research Evidence on the Best Ways to

Learn Math Facts

<https://bhi61nm2cr3mkdgk1dtaov18-wpengine.netdna-ssl.com/wp-content/uploads/2017/03/FluencyWithoutFear-2015-1.pdf>

Fluency: Addition & Subtraction Fact Strategies

<https://community.ksde.org/LinkClick.aspx?fileticket=n2ZHaEprrfs%3D&tabid=6036&mid=14879>

**Grant Opportunities:**

<https://philanthropynewsdigest.org/rfps/rfp9599-nctm-accepting-applications-for-music-projects-to-teach-mathematics-grants-for-grades-pre-k-5-teachers?utm_campaign=rfps%7C2019-02-04&utm_source=pnd&utm_medium=email>

**Other Math News Sites:**

<https://www.educatorstechnology.com/2019/02/ted-talks-for-those-who-do-not-like-math.html>

If you have any questions concerning Math News Information, the Standards Align System (SAS), or information regarding Curriculum, Instruction or Assessment please contact me, Kevin Mauro, Mathematics Curriculum Advisor at kmauro@pa.gov.