

Math Empowers⁵

“The best teachers are those who show you where to look, but don’t tell you what to see.” Alexandra K. Trenfor



“Bring your classroom to life with PBS”

It seems PBS Media has heard our pleas for help

with finding meaningful, real-life ways to introduce new math concepts to children! They have taken hundreds of video clips (which incorporate math ideas) from a variety of television shows and put them in one organized place. You can search by standard or math idea and when you find one you like...you will see suggestions for similar videos! Visit <http://www.pbslearningmedia.org>

EN·GAGE verb \in-ˈgāj, en-
en·gageden·gag·ing

A: to hold the attention of
B: to induce to participate

(Merriam-Webster Dictionary)



In addition to PBS Media, remember to explore & utilize the clickable Google sheet titled “Go Math Lesson Resources” which

was created for you by your Elementary Math Specialists. Video clips, Animated Math Models, Mega Math, apps/games, and more can be accessed through this document with a simple click. You will also find that the resources correlate to each lesson in the GO Math program. As mentioned in September, this is a work in progress. Resources will be added, so check back regularly during the year to find updates. Better yet, if you find something GREAT, please email it to your building math specialist so it can be added to this shared document for easy retrieval in the future. Imagine... if each of us finds just one more great resource this year, our resource document will be virtually complete! ☺

Click the link below to access this valuable resource:

<http://tinyurl.com/py2qmlg>

Mathical

Books for Kids from Tots to Teens



Have you heard about Mathical? It’s a new youth book prize similar to the **Newbery Award & Caldecott Medal**. The Mathical Award recognizes the most inspiring math-related fiction and non-fiction books for readers in grades Pre-K through 12. The Children’s Book Council (CBC) has teamed up with The Mathematical Sciences Research Institute (MSRI). Together they aim to inspire youth of all ages to cultivate a love and appreciation of mathematic mathematics in the world around them. To learn more and for a complete list of award winning literature

visit:



<http://mathicalbooks.org/portfolio/books/>

Critical Areas for Fifth Grade Instruction

According to the standards, 5th grade instruction should focus on three critical areas.

1. Develop fluency with addition and subtraction of fractions, and develop understanding of multiplication and division of fractions.
2. Extending division to 2-digit divisors, integrating decimal fractions into the place value system, and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations.
3. Developing understanding of volume.

STUDENTS AS TEACHERS

If you have a suggestion for a video to help parents and students learn a CCSS conceptually, please contact your math specialist.