



- << NCTM News
- << Check out PBS (again)
- << Play Pumpkin Bump
- << Read a **mathical** book



Attached is the SMARTboard "Grade 1 Problem Solving Applications"? Consider this as a source for "ENGAGE" pictures and adapt the questions to meet your needs.



Middletown Township Elementary Schools

First Grade Newsletter Quarter 1

Math Empowers

"Bring your classroom to life with PBS"



PBS LearningMedia™

It seems PBS Media has heard our loud pleas for help with finding meaningful, real-life ways of introducing new math concepts to children! The people at PBS have taken hundreds AND hundreds of video clips from a variety of television shows that incorporate math ideas and put them in one, organized place. At www.pbslearningmedia.org, you can search by standard or math idea and when you find one you like...look below for suggestions for similar videos! Check out this clip of "Oscarbots and Donuts" as a fantastic way to introduce standard 1.OA.A.1 . Or 1.OA.A2.

There is also a [Trick or Treat video](#) from Peg + Cat that you may want to share during ANY lesson where you want to relate addition to subtraction.



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

A: to hold the attention of

B: to induce to participate

(Merriam-Webster Dictionary)

In addition to the videos already organized for you on the Google Sheet, "[Go Math Lesson Resources](#)", you can find hundreds here that may also meet your needs at www.pbslearningmedia.org. If you find a keeper, please email it your math specialist so it can be added to the shared document for easy retrieval in the future. If each of you finds just one more great resource this year, our resource will be virtually complete! In addition to sharing engaging videos, please forward any favorite interactive games.

** Like this recent video addition from a first grade teacher "[Near Doubles](#)". This teacher video even reminds us to **CLICK PAUSE** for thinking time!



Build Number Sense & Fact Fluency ... One **BLOCK** at a time!

The [Addition Blocks Game](#) can be played on the iPad or Chromebook and offers children (and adults) a fun (borderline addictive) way to compose and decompose numbers to make a target number. Players are challenged to make the number that falls from the top of the screen before it hits the bottom. The addends must be touching. So if the target number is 7, and the 4 is not adjacent to the 3, a player must find alternative addends...4 and 2 and 1 for example. **Begin by going into OPTIONS and selecting SLOW and EASY to start!**

Pumpkin Bump



Attached is an "Addition to 12" partner game called, "Pumpkin Bump". This is a simple "Roll the Dice and Add" fluency game for standard 1.OA.G6.

Also attached is a differentiated option to challenge students to "Make 12" (or any target number up to 12). If you would like assistance differentiating some of your activities, please see your math specialist!



what a **MATHICAL BOOK!**

<http://mathicalbooks.org>

The Mathematical Sciences Research Institute (MSRI) aims to inspire youth of all ages to cultivate a love of mathematics in the world around them. The Children's Book Council (CBC) along with MSRI announced the inaugural winners of their new youth book prize, *Mathical: Books for Kids from Tots to Teens* and the 2015 winner for K-2 is.....

One Big Pair of Underwear

by Laura Gehl

