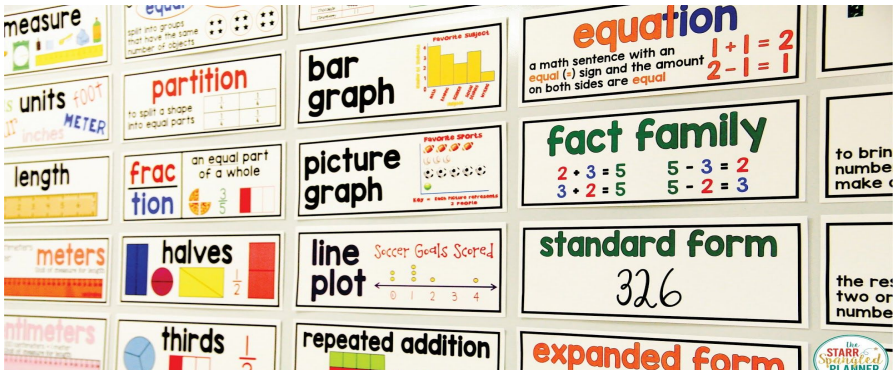
Math Coach Monthly - September 2020

WORD WALLS

As we know, there is a connection between reading and math. Most of the word problems we see students struggle with is because of the their inability to connect the language to the content. A great strategy to help with this is word walls. Word walls provide students with a reference and also a visual cue to help them make the missing connection.

While this strategy is mostly thought of at the primary level, realize that word walls are meant for all grade levels. Check out this article or video that discusses how word walls work for different purposes depending on the grade level.

In these digital times, we could utilize digital word walls with Google Slides. Check out some of these examples. Scaffolded Math, How to Make, How to Share, Freebie



Other Articles:

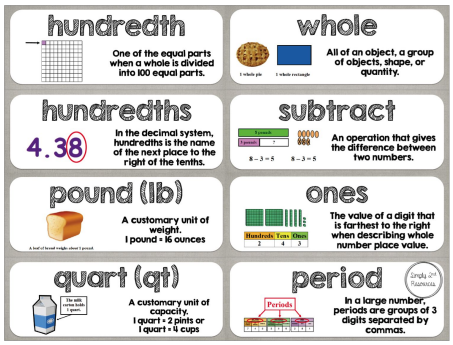
Reading Rockets

5 Ways Math Word Walls Have Changed My Teaching

Why Word Walls in Math?

High School Math Word Walls

Fact Sheet

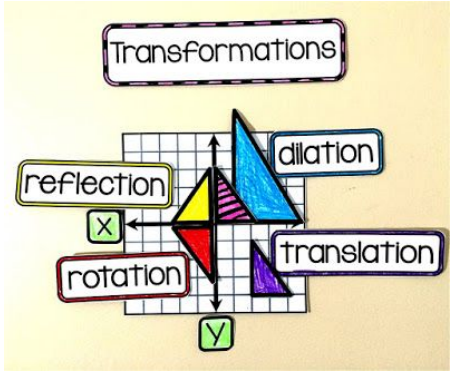


Research Tells Us ...

"Students' comprehension will increase by 33 percentile points when vocabulary instruction focuses on specific words important to the content they are reading as opposed to words from high-frequency lists [teaching frequently-occurring words out of context]. To illustrate, ... consider Students A and B, who have been asked to read and understand new content. Student B, who has not received systematic vocabulary instruction, scores at the 50th percentile. Student A, who has received such instruction, scores at the 83rd percentile.

In summary, the case for direct vocabulary instruction is strong. From a number of perspectives, the research indicates that wide reading probably is not sufficient in itself to ensure that students will develop the necessary vocabulary and consequently the necessary academic background knowledge to do well in school. In contrast, direct vocabulary instruction has an impressive track record of improving students' background knowledge and the comprehension of academic content."

Marzano, Robert J. *Building Background Knowledge for Academic Achievement: Research on What Works in Schools.* Alexandria, Virginia: Association for Supervision and Curriculum Development, 2004. (pages 68 and 69) ISBN 0-87120-972-1



REMINDERS:

Fill out the surveys mentioned in the Welcome Back meetings at your school.

- Anonymous
- Identified

Find all of the links and downloads you need from my website. Bookmark It.
Website

CLIP OF THE MONTH

Take a few minutes to put a smile on your face.
Click HERE

West Virginia math4life
Brooke County

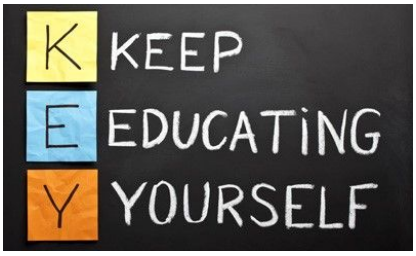
The focus of the year 3 funding is Professional Development. If you see any math related PD you are interested in, please let me know. During these times, it is difficult to find something. However, since we have had great experiences through BER, I encourage you to look at their online offerings and let me know if there is anything you might be interested in.

Freebie of the Month

Back To School Math Puzzles

Add/Subtract
Multiplication

Moving math FORWARD
FALL 2020 VIRTUAL CONFERENCE
LINK HERE



PROFESSIONAL DEVELOPMENT OPPORTUNITY

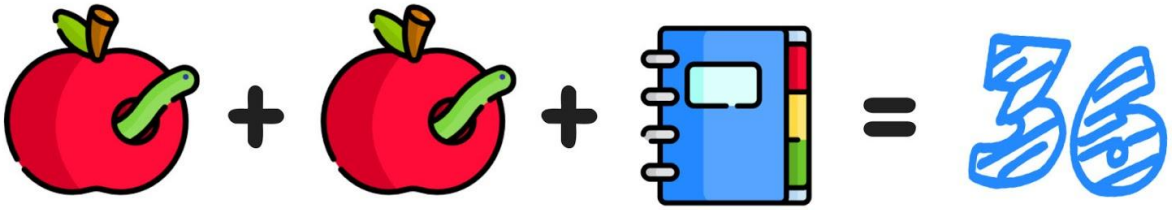
Join with Google Classroom Code: mjoqtm2

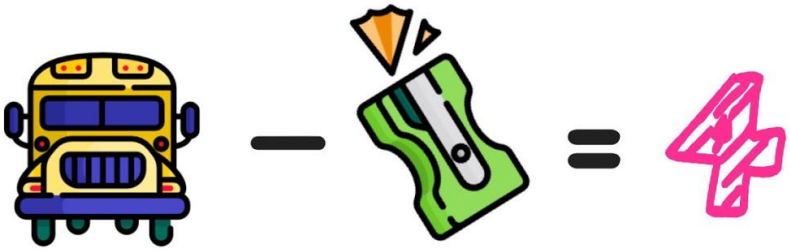
Brooke County Number Ninjas

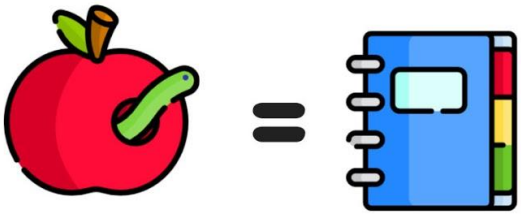
mashupmath

BACK TO SCHOOL!

Use your math skills to find the value of each icon and the '?'





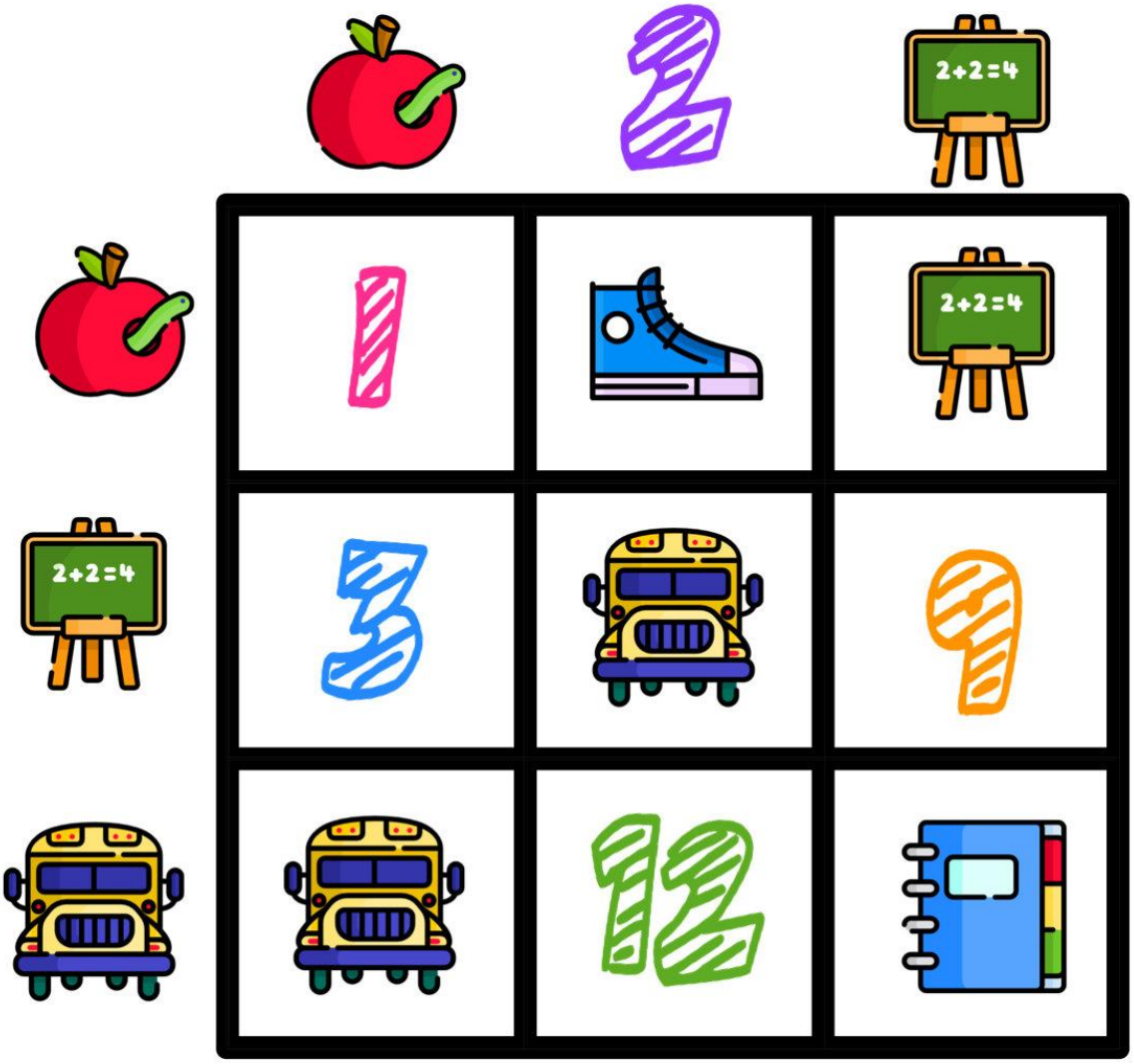


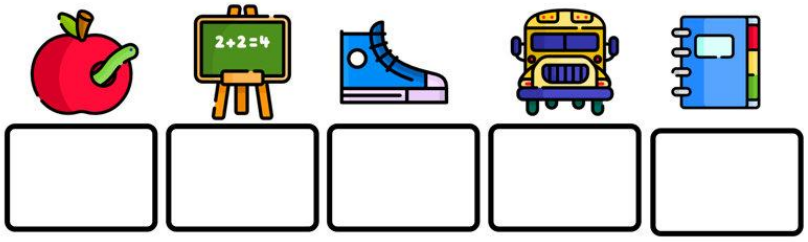
You can find the answer to this puzzle and download more free math puzzles at www.mashupmath.com

mashupmath

BACK TO SCHOOL!

Find the value of each icon in the multiplication table below:





You can find the answer to this puzzle and download more free math puzzles at www.mashupmath.com