

Activities

How Many:

[My organized images](#)

<http://ntimages.weebly.com/photos.html>

<http://drawingonmath.blogspot.com/2017/06/how-many.html>

Card Sort:

<http://drawingonmath.blogspot.com/2015/04/color-coding.html>

<http://drawingonmath.blogspot.com/2015/09/team-teaching-and-clothesline.html>

Polygraph

“With Polygraph, Desmos provides tools for developing informal language into formal vocabulary. Because words should result from a need to describe our world—this is where they gain their power.”

<http://blog.desmos.com/post/105283812542/polygraph>

Notice and Wonder

<http://drawingonmath.blogspot.com/2014/05/notice-and-wonder-mcas-edition.html>

<http://mathforum.org/pow/noticewonder/>

Visual Patterns

Visualpatterns.org

<https://drawingonmath.blogspot.com/2012/11/geometry-unit-1-patterns.html>

Journaling

my journal prompts:

<https://www.dropbox.com/s/dd92zrzievib11/Journal%20prompts.docx?dl=0>

<https://drawingonmath.blogspot.com/2013/10/journaling-in-math-class.html>

<https://drawingonmath.blogspot.com/2011/10/reflection-and-self-assessment.html>

Weekly Homework/Argument

Wyrmath.com

<https://drawingonmath.blogspot.com/2016/09/homework-take-2016.html>

<https://drawingonmath.blogspot.com/2016/12/weekly-homework.html>

<https://drawingonmath.blogspot.com/2016/12/weekly-homework-digging-deeper.html>

[Hoffer graphic organizer p. 108](#)

Discussions

[Hoffer sentence starters p. 86, p. 102](#)

[Hoffer p. 100 more writing tasks](#)

Teaching Vocab

[Hoffer, p. 62-63 lists of roots and tier 2 vocab](#)

TIP Chart

<https://www.dropbox.com/s/9t8lg9da6j8wazb/TIP%20chart.doc?dl=0>

Flappers

<http://drawingonmath.blogspot.com/2013/08/geometry-curriculum.html>

Word Wall

<http://www.starrspangledplanner.com/math-word-walls/>

Additional Resources

Problem Solving Template Mini:

<https://www.dropbox.com/s/9bqg3unf9tt4udc/problem%20solving%20template%20mini.docx?dl=0>

Problem Solving Template Full Page: (put in plastic sleeve and use dry erase marker)

<https://www.dropbox.com/s/3cqmq9u3o3ofpbr2/problem%20solving%20template.docx?dl=0>

[Landmark School](#) - online courses available. They have consulted at my local school and I attended an excellent workshop there!

[TODOS](#) - ELL resources

[Nix the Tricks](#) - conceptual teaching strategies, all students can learn the concepts including students learning English and students with learning disabilities

References

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<https://www.psychologytoday.com/blog/life-bilingual/201504/what-languages-do-bilinguals-count-in>

Hart, Betty, and Todd L. Risley. Meaningful Differences in the Everyday Experience of Young American Children. Baltimore: Paul H. Brookes, 1995.

Hattie, John. Visible Learning: A Synthesis of Over 800 Meta-analyses Relating to Achievement. London: Routledge, 2009.

Hoffer, Wendy Ward. Developing literate mathematicians: a guide for integrating language and literacy instruction into secondary mathematics. Reston, VA: National Council of Teachers of Mathematics, Inc., 2016.

Marzano, Robert J. Building Background Knowledge for Academic Achievement: Research on What Works in Schools. Alexandria, Va.: ASCD, 2004.

National Center for Education Statistics. "Fast Facts." Institute of Education Sciences. Washington, D.C.: U.S. Department of Education, 2013.
<http://nces.ed.gov/fastfacts/display.asp?id=69>.

Senk, S. L., and D. R. Thompson. Standards-Based School Mathematics Curricula: What Are They? What Do Students Learn? Mahwah, N.J.: Lawrence Erlbaum, 2003.

