

## **Elementary School Math Club**

From the University of Texas at Austin

<http://www.edb.utexas.edu/resources/mathclub/index.html>

Resources from the Ohio Resource Center

<http://www.ohiorc.org/for/math/>

## **Integrating Mathematics & Children's Literature**

Mathematics Bookshelf: <http://www.ohiorc.org/for/math/bookshelf/default.aspx>

Best Children's Books: <http://www.the-best-childrens-books.org/math-for-kids.html>

Mathwire: <http://mathwire.com/literature/literature.html>

The Reading Nook: <http://www.thereadingnook.com/math/>

PBS:

[http://pbskids.org/lab/books/?utm\\_source=facebook&utm\\_medium=pbskidssocial&utm\\_campaign=pbs\\_kids\\_lab\\_2015](http://pbskids.org/lab/books/?utm_source=facebook&utm_medium=pbskidssocial&utm_campaign=pbs_kids_lab_2015)

Inside Mathematics: lessons, problems, videos, and other resources

[http://www.insidemathematics.org/#toolbox\\_teachers](http://www.insidemathematics.org/#toolbox_teachers)

Tasks and Word Problems:

<http://bedtimemath.org/> and <http://bedtimemath.org/bedtime-math-for-educators/>

Math Forum's Problems of the Week:

<http://mathforum.org/pows/>

Math Coach's Corner: resources and discussion of strategies

<http://www.mathcoachscorner.com/>

Miss Math Dork

<http://www.missmathdork.com/>

Teachers Using Guided Math

<https://www.facebook.com/groups/39965554240/>

Teaching Different Types of Math Story Problems by: Elizabeth Wistrom

<http://www.brighthubeducation.com/middle-school-math-lessons/7090-teaching-math-story-problems/>

Math Tasks from the Flowery School, Sonoma, CA:

<http://floweryschool.org/page146.html> (click on grade level)

See also: <http://www.scoe.org/pub/htdocs/ccss-mathematics.html> for only 2<sup>nd</sup> grade and up

## Number Talks:

Book:

Number Talks by Sherry Parrish, information at <http://store.mathsolutions.com/product-info.php?Number-Talks-pid270.html>

Tips for Implementing Number Talks

[http://www.mathperspectives.com/pdf\\_docs/number\\_talks.pdf](http://www.mathperspectives.com/pdf_docs/number_talks.pdf)

[http://www.mathperspectives.com/pdf\\_docs/tips-nt-primary-grades.pdf](http://www.mathperspectives.com/pdf_docs/tips-nt-primary-grades.pdf)

Sherry Parrish discusses Number Talks:

[http://www.mathsolutions.com/documents/NumberTalks\\_SParrish.pdf](http://www.mathsolutions.com/documents/NumberTalks_SParrish.pdf)

<http://www.guided-math-adventures.com/?p=74>

Culture of Error by Doug Lemov

[http://www.wiley.com/legacy/downloads/CultureofError\\_Ebook.pdf](http://www.wiley.com/legacy/downloads/CultureofError_Ebook.pdf)

Illustrative Math: Lesson plans, tasks, other resources

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

NCTM Illuminations: Lessons and interactives

<http://illuminations.nctm.org/Default.aspx>

Common Core Progressions, mapped by the University of Arizona's Institute for Mathematics and Education

NRich: Enriching Mathematics: tasks, activities

<http://nrich.maths.org/frontpage>

Article on using Rich Tasks: <http://nrich.maths.org/5662>

K-5 Math Teaching Resources: grade-by-grade resources, activities, and games, also organized by topic

<http://www.k-5mathteachingresources.com/>

What is a Rich Problem?

<http://mathforum.org/~claire/richproblems/WhatisRich.html>

Bridges Mathematics Learning Center

<http://catalog.mathlearningcenter.org/free>

MLC Virtual Bookshelf: <http://astore.amazon.com/thematleace01-20/about>

## **Growing Apples**

Technology Integration in First Grade Classroom

<http://grwoingapples.blogspot.com/2015/08/welcome-to-mtgr1.html?spref=tw>

Follow <https://twitter.com/lekadegroot> on Twitter for each week's open-ended problem.

Learn Zillion: lesson plans

<https://learnzillion.com/>

District websites:

Hilliard website for parents:

<http://www.hilliardschools.org/math-help-for-parents/>

Example: <http://www.hilliardschools.org/math-for-third-grade/>

PBS Learning Media: lesson plans; technology for students; webinars

<http://www.pbslearningmedia.org/>

Previous NCTM president's message on timed tests:

[http://www.mathsolutions.com/documents/9781935099031\\_message18.pdf](http://www.mathsolutions.com/documents/9781935099031_message18.pdf)

Love 2 Learn 2 Day: Book List by mathematical topic

<http://love2learn2day.blogspot.com/p/math-book-lists-tba.html>

Math Playground, includes “thinking blocks” (bars for part-part-whole representations)

<http://www.mathplayground.com/>

EngageNY: Videos including Number Talks

<https://www.engageny.org/video-library>

Books:

- Math Misconceptions, PreK-Grade 5: From Misunderstanding to Deep Understanding Paperback by Honi J Bamberger, Christine Oberdorf, & Karren Schultz-Ferrell
- Activities to Undo Math Misconceptions, PreK-Grade 2 by Honi J Bamberger & Karren Schultz-Ferrell
- Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades Pre-K-2 by John A. Van de Walle, Lou Ann H. Lovin, Karen S. Karp, & Jennifer M. Bay-Williams
  - Great reference book with some activities included
- Mastering the Basic Math Facts in Addition and Subtraction: Strategies, Activities, and Interventions to Move Students Beyond Memorization by Susan O'Connell and John SanGiovanni