**Region IV Math 2014 Session Resources**

**Session description:**

The purpose of this session is to provide hands-on and online -resources to help struggling students prepare for digital assessments. Content will include moving from concrete to representational to abstract math concepts. Participants will receive links to apps and websites to support to enhance math instruction.

**Web resources:**

* **Equation Editor as part of Microsoft Word tutorial**
  + [**http://www.addictivetips.com/microsoft-office/add-math-equations-with-word-2010-equation-editor/**](http://www.addictivetips.com/microsoft-office/add-math-equations-with-word-2010-equation-editor/)
* **Writing Math Equations in Microsoft Word**
  + [**http://www.youtube.com/watch?v=SRGaW3maK38**](http://www.youtube.com/watch?v=SRGaW3maK38)
* **Wisconsin Assistive Technology Initiative**
  + **http://www.wati.org/**
* **Math Worksheets in Excel** 
  + **https://www.mediafire.com/folder/8xuyat1317ql5/Excel\_and\_Math**
* **Jim Kauppila Youtube tutorials** 
  + [**https://www.youtube.com/watch?v=v2cVEhlSvGQ&feature=youtu.be**](https://www.youtube.com/watch?v=v2cVEhlSvGQ&feature=youtu.be) **(Alt codes in excel)**
  + [**https://www.youtube.com/watch?v=X3mYv8xo\_H8&feature=youtu.be**](https://www.youtube.com/watch?v=X3mYv8xo_H8&feature=youtu.be) **(drop down lists in excel)**
  + [**Michigan’s Integrated Mathematics Initiative**](http://mi2.cenmi.org)
  + **mi2.cenmi.org**
* [**National Library of Virtual Manipulatives**](http://nlvm.usu.edu/en/nav/vlibrary.html)
  + **http://nlvm.usu.edu/en/nav/vlibrary.html**
* [**NCTM illuminations**](http://illuminations.nctm.org/)**-** 
  + **http://illuminations.nctm.org/**
* [**Math Playground**](http://www.mathplayground.com/)
  + **http://www.mathplayground.com/**
* [**Algebra for All**](http://a4a.learnport.org/)
  + **http://a4a.learnport.org/**
* [**Mr. Maffesoli (K-5 free sites in math linked to Common Core, Videos)**](http://www.mrmaffesoli.com/)
  + **http://www.mrmaffesoli.com/**
* [**Kahn Academy**](https://www.khanacademy.org/)
  + **https://www.khanacademy.org/**
* [**Gonoodle.com**](https://www.gonoodle.com/home) 
  + **https://www.gonoodle.com/home**
* [**About Education-Mathmatics for Special Education**](http://specialed.about.com/od/MathematicsforSpecialEducation/)
  + [**http://specialed.about.com/od/MathematicsforSpecialEducation/**](http://specialed.about.com/od/MathematicsforSpecialEducation/)
* **Symbaloo-MathematicsGallery Resources**
  + [**http://www.symbaloo.com/shared/AAAACHwM9mQAA42Agc\_tzg==**](http://www.symbaloo.com/shared/AAAACHwM9mQAA42Agc_tzg==)
* **Smarter Balanced Assesement consortium** 
  + [**www.smarterbalnaced.org**](http://www.smarterbalnaced.org)

**Math Practice:**

* [**http://www.mathsisfun.com/mathtest.html**](http://www.mathsisfun.com/mathtest.html) **(k-12)**
* [**http://www.math10.com/en/tests/**](http://www.math10.com/en/tests/) **(K-12+)**
* [**http://www.mathabc.com/**](http://www.mathabc.com/) **(K-6)**
* [**http://www.mathslice.com/mathmocktest.php**](http://www.mathslice.com/mathmocktest.php) **(3-5)**
* [**http://www.free-test-online.com/**](http://www.free-test-online.com/) **(K-12+)**
* [**http://www.hoodamath.com/mobile/games/mathtimedtests.html**](http://www.hoodamath.com/mobile/games/mathtimedtests.html) **(K-12)**
* [**http://www.mathhelp.com/asvab-math-test-prep.php**](http://www.mathhelp.com/asvab-math-test-prep.php) **(K-12)**
* [**www.math.com**](http://www.math.com) **(K-12+)**

**Apps:**

* App-related Websites MITS <http://mits.cenmi.org/LinkClick.aspx?fileticket=LQ6-nSedG6M%3d&tabid=1413>
* Educreations
* Rocket Math Free
* Fun with Math flash cards-Free
* Mathmateer Free - Multiple math skills
* Kid Math Games - Addition, subtraction, multiplication, division (Android, Kindle Fire)
* Let's Do the Math (Android, Kindle Fire) (Grades K-5)
* Peter Pig's Money Counter - Coin counting (Android, Kindle Fire) (Grades K-5)
* Counting Coins and Bills app - counting money (iPad, iPhone, iPod Touch) (Grades K-5)
* iSolveIt MathSquared and MathScaled apps-for iPad (CAST)
* Algebra Tutor, (Android, Kindle Fire) (Grades 6-12)
* Free Graphing Calculator - Algebra, calculus, geometry, trigonometry (iPad, iPhone, iPod Touch)-(Grades 9-12+)
* Calculator 3D
* Talking calculator
* Telling time Photo Touch
* Math Chump
* Multiplication charts HD
* Skip Counting
* Geometric Cabinet
* Endless numbers
* Dexteria Dots
* Jumbo Calculator for the iPad
* Talkulator
* Time Timer
* Splash Math (various grade levels)

**Upcoming Conference:**

* **1/24/15 Teaching Mathematics to Students with Special Needs in general Education Classroom**
  + [**http://www.dactm.org/events**](http://www.dactm.org/events)

**Articles:**

[**http://rse.sagepub.com/content/24/2/97.abstract**](http://rse.sagepub.com/content/24/2/97.abstract)

[**http://www.ncld.org/types-learning-disabilities/dyscalculia**](http://www.ncld.org/types-learning-disabilities/dyscalculia)

[**http://www.ldonline.org/article/19274**](http://www.ldonline.org/article/19274)

[**http://www.ldonline.org/article/5928/**](http://www.ldonline.org/article/5928/)

**Accomodations:**

* [**http://www.additudemag.com/adhd/article/7309.html**](http://www.additudemag.com/adhd/article/7309.html)
* [**http://www.fldoe.org/ese/pdf/ac-mod-parents.pdf**](http://www.fldoe.org/ese/pdf/ac-mod-parents.pdf)
* [**Onion Mountain Technology**](https://www.onionmountaintech.com/)