

CEI Newsletter

The Center for Education Innovation at Friends Academy of Dartmouth MA.

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Office Hours:

Dr. Lori Weider—Exec Director

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Make an appointment for support

Chris Perry

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Campbell School by appointment

Hathaway School on Thursday

Hayden Mcfadden on Monday

Lincoln School by appointment

Pacheco School on Wednesday

Swift School on Tuesday

Feel free to contact us and arrange for assistance with technology integration issues and training requests. We are here to support technology best practices in your classroom. You can also reach us and post a question/suggestion at:

<http://lweider.weebly.com/contact.html>

Math Web Site Resources and Apps

Standard instruction fails to actively involve students. Understanding mathematics, at every level, requires student engagement. The use of in-hand objects or on-line manipulatives help students visualize relationships and applications.

The National Library of Virtual Manipulatives (NLVM) is a National Science Foundation (NSF) supported project that began in 1999 to develop a library of interactive, web-based virtual manipulatives or concept tutorials for K-12 mathematics instruction. The New Bedford district has recommended that NLVM be incorporated into math instruction. The shortcut will be found on school computers. These on-line tools require the latest Java (an Internet plug-in) to operate.

Other Resources:

TenMarks – A PC and iPad online mathematics environment to supplement in-classroom math instruction. They align all of their practice activities to Common Core Standards. Teachers create class rosters and accounts for their students; assign practice problems based on the Common Core Standards. <https://www.tenmarks.com>

Math Maven Mysteries - A Scholastic math site that reinforce concepts by solving mysteries using the power of math. There are 27 mysteries and each is categorized by concept and level of difficulty. Each mystery is supported by printable sheets as well as audio to assist with new and struggling readers. <http://teacher.scholastic.com/maven/>

Lexia: What the research tells us!

“High-risk students face a particularly daunting task, as they need to learn at a rate that is sometimes twice as fast as their peers in order to close the gap,” said Lexia President Nick Gaehde. “It is gratifying to know that our recent analysis validates the Lexia Reading Core 5 program’s ability to help high-risk students make dramatic, rapid gains, while also enabling on-target students to continue to soar to even higher levels of reading achievement.”

Lexia Learning has released statistical analysis showing that 75% of high-risk students who began the 2013–2014 year working on reading skills at least two grade levels behind gained two or more grade levels of reading skills in Core5 by the end of the school year. In addition,

- 32% of the high-risk students gained three grade levels of reading skills during the school year
- An additional 43% reduced or closed their achievement gap by advancing two grade levels.
- Another 33% who began the year on grade-level also accelerated their reading skill acquisition by more than two grade levels, having completed their current grade-level and the entire next grade-level of skills.