

# Research – Resources – Report

1-888-605-1951

April/May 2011

[www.dpi.state.nd.us/title1/index.shtm](http://www.dpi.state.nd.us/title1/index.shtm)

**Mission: To gather and share current research and resources with educators.**

## Research And Resources

### ☞ **Parents' Guide to Student Success**

The Parent Teacher Association (PTA) developed and published this guide (both in English and in Spanish) in response to more than forty states adopting and implementing the Common Core State Standards in English language arts and mathematics. The guide is divided into sections—by grade and by subject—and includes key items that students should be learning in each grade and subject. The guide offers activities that parents can do at home to support their student's learning, describes methods to assist parents with building stronger relationships with their student's teacher(s), including at the high school level and, offer tips for planning for college and post secondary careers.

[www.pta.org/4446.htm](http://www.pta.org/4446.htm)

### ☞ **A Self-Assessment Tool: A Coherent Approach to High School Improvement**

Source: *National High School Center*

The National High School Center has published an online self-assessment tool. The tool is a starting point for identifying high school improvement priorities and enables users in schools and districts to a) identify the strengths and weaknesses of their current high school reform efforts, and b) align and build on these current and planned reform initiatives to develop a comprehensive high school improvement plan that will result in rigorous and high-quality teaching and learning for all students. Based on the National High School Center's Eight Elements of High School Improvement, users can respond to a variety of questions that focus on the eight elements and the different indicators of effectiveness and generate reports based on their responses.

[www.betterhighschools.org/AssessmentTool/](http://www.betterhighschools.org/AssessmentTool/)

### ☞ **Reading Comprehension Fix-Up Skills: A Classroom Toolkit**

Intervention Central provides teachers, schools, and districts with free articles and tools to successfully implement Response to Intervention. This article discusses that good readers continuously monitor their understanding of informational text. When necessary, they also take steps to improve their understanding of text through use of reading comprehension 'fix-up' skills. The full article presents a series of fix-up skill strategies that can help struggling students to better understand difficult reading assignments.

**To view the full article visit:**

[www.interventioncentral.org/index.php/reading-comp/236-reading-com-fix-up-skills](http://www.interventioncentral.org/index.php/reading-comp/236-reading-com-fix-up-skills).

### ☞ **Intervention Central: Recommended Internet Resources for Math**

Deciding what specific math interventions might be appropriate for any student can be a highly individualized process, one that is highly dependent on the student's developmental level and current math skills. This article provides some wide-ranging classroom (Tier I RTI) ideas for math interventions that extend from the primary through secondary grades. To view the full article visit: [www.interventioncentral.org/index.php/math/166-school-wide-strategies-for-managing-reading](http://www.interventioncentral.org/index.php/math/166-school-wide-strategies-for-managing-reading).

The following are Internet resources recommended by Intervention Central.

- **A-Plus Flashcard Maker** - You can create Math facts flashcards online and customize your flashcards by type of number operation or even enter you own values to create individual flashcards. To view the website visit [www.aplusmath.com/Flashcards/Flashcard\\_Creator.html](http://www.aplusmath.com/Flashcards/Flashcard_Creator.html).
- **Ask Dr. Math** - Dr. Math is an online math tutorial service, maintained by Drexel University, Philadelphia, PA. Students can browse a large archive of math questions and answers and post their own questions as well. This tutorial site never closes! To view the website visit [mathforum.org/dr.math/](http://mathforum.org/dr.math/).
- **Cognitive Strategies in Math** - This site presents several thinking strategies that students can learn to master math computation and applied math problems. It is sponsored by the Special Education Department, University of Nebraska-Lincoln. To view the website visit [www.unl.edu/csi/math.shtml](http://www.unl.edu/csi/math.shtml).

### ☞ **WWC Quick Review of the Report "Achievement Effects of Four Early Elementary School Math Curricula: Findings for First and Second Graders"**

The study examined the relative effectiveness of four early elementary school math curricula: *Investigations in Number, Data, and Space*; *Math Expressions*; *Saxon Math*; and *Scott Foresman-Addison Wesley Mathematics*. The study analyzed data on more than 8,000 first- and second-grade students in 110 schools in 12 districts in 10 states.

Retrieved May 4, 2011 from

<http://ies.ed.gov/ncee/wwc/publications/quickreviews/QRReport.aspx?QRId=170>