

Research – Resources – Report

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www.dpi.state.nd.us/title1/index.shtm

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

Research And Resources

☞ **A Road Map for Mathematics Achievement for All Students: Findings from the National Mathematics Panel (K-12)**

The National Mathematics Advisory Panel report outlines six overarching recommendations as a comprehensive approach to mathematics education. This research brief from The Center for Comprehensive School Reform and Improvement at Learning Point Associates focuses on the first three topics (curricular content, instructional materials, and learning processes) and the recommendations for PK-12 education.

www.centeroninstruction.org

☞ **An Introduction to Progress Monitoring in Mathematics (K-12)**

This professional development module, posted on the Center of Instruction's website, consisting of a PowerPoint presentation and a presenter's manual, describes progress monitoring, explains common techniques often mistaken for progress monitoring, and discusses application of progress monitoring in mathematics at both the elementary and secondary grade levels. It also provides resources for additional information.

www.centeroninstruction.org

☞ **Ask-the-Expert**

The Ask-the-Expert service provides research services for school improvement efforts. The Center for Comprehensive School Reform and Improvement welcomes requests from all K-12 school stakeholders – teachers, administrators, staff, parents, and students – as well as institutions and practitioners that assist with school improvement efforts.

Email them your question using the online form, or call 877-277-2744, on any topic related to school reform and improvement. You can also review questions asked by others and the expert's answers to them.

http://www.centerforcsri.org/index.php?option=com_content&task=view&id=20&Itemid=13

☞ **I Love That Teaching Idea!**

I Love That Teaching Idea! was founded in 1998 by two elementary school teachers. The company was originally named *The Teachers Toolbox*. Both names represent the vision of the founders, which is to provide elementary school teachers creative, practical and effective ideas and techniques to enhance their enjoyment and performance in the classroom.

Their first product, *Tunes That Teach*, was a self-published book and audio cassette that helps teachers put key concepts to music. The book is now published by Instructional Fair - T.S. Denison, Imprint of McGraw-Hill Children's Publishing. From there, more eBooks and workshops have been developed. Everything developed by *I Love That Teaching Idea!* is designed around their goal of providing practical, ready-to-implement ideas for the busy educator.

<http://www.ilovethatteachingidea.com/index.htm>

☞ **Interactive Map: Navigating the National High School Improvement Landscape**

This map, found on the National High School Center's website, offers state profiles featuring national high school improvement initiatives at work in each state. Each state profile also compares high school graduation requirements with what is required of students entering state university systems.

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

☞ **The Evidence on Online Education**

Online learning has definite advantages over face-to-face instruction when it comes to teaching and learning, according to a new meta-analysis released by the U.S. Department of Education.

The study found that students who took all or part of their instruction online performed better, on average, than those taking the same course through face-to-face instruction. Further, those who took "blended" courses (those that combine elements of online learning and face-to-face instruction) appeared to do best of all. This may indicate that the best method of instruction is a balance of both methods.

<http://www.insidehighered.com/news/2009/06/29/online>

