

Research – Resources – Report

1-888-605-1951

December 2009/January 2010

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

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

Research And Resources

Website Allows Teacher to Create a Math “Experience”

An educator in an Ohio district is using a free, Web-based computer program to enhance math lessons. Geogebra provides teachers with a venue for sharing lesson plans, creating work sheets, and interacting with students at home and at school. "The neat thing about it is, the kids can be involved in it and can have a hand in changing or working with the equation. Kids can go to the website at home and practice with a dynamic worksheet," high school math teacher, Susan Kerkhove said. "It's not a piece of paper anymore. It's an experience."

<http://www.geogebra.org/cms/>

Teacher Preparation for Response to Intervention in Middle and High Schools

This National Comprehensive Center for Teacher Quality policy brief describes how middle and high school teachers are trained in the RTI process. The tiered model of instruction is used to improve classroom and school results and to achieve the key goals of the Elementary and Secondary Education Act, as reauthorized by the No Child Left Behind Act, and the Individuals with Disabilities Education Improvement Act.

<http://www.tqsource.org/publications/September2009Brief.pdf>

Using Student Achievement Data to Support Instructional Decision Making

The What Works Clearinghouse at the U.S. Department of Education has released a guide offering five recommendations to help educators effectively use data to monitor students' academic progress and evaluate instructional practices. The guide recommends that schools set a clear vision for schoolwide data use, develop a data-driven culture, and make data part of an ongoing cycle of instructional improvement. The guide also recommends teaching students how to use their own data to set learning goals.

http://ies.ed.gov/ncee/wwc/pdf/practiceguides/dddm_pg_092909.pdf

New and Experienced Teachers in a School Reform Initiative: The Example of Reading First

REL Northwest completed a study comparing the experiences and perceptions of new and experienced teachers in 235 schools in six western states (Alaska, Arizona, Idaho, Montana, Washington, and Wyoming) that have adopted the Reading First school reform initiative. Using previously collected data from surveys and interviews, the study considers four areas of the reform initiative for bringing all K–3 students up to grade level in reading by grade 3: instructional coaches, teacher collaboration, use of student assessment data, and support for reform.

http://ies.ed.gov/ncee/edlabs/regions/northwest/pdf/REL_2009082.pdf

Carnegie Corporation of New York's Council: Advancing Adolescent Literacy

The Carnegie Corporation has provided the following documents focusing on adolescent literacy.

Reading in the Disciplines: The Challenges of Adolescent Literacy (4-12) discusses the challenges for adolescents who struggle with written texts in academic subject areas and explores how standards, assessments, and teaching instruction can be strengthened.

http://carnegie.org/fileadmin/Media/Publications/PDF/tta_Lee.pdf

Measure for Measure: A Critical Consumer's Guide to Reading Comprehension Assessments for Adolescents (4-12) draws together evidence on nine of the most commonly used, commercially available reading comprehension assessments for use with adolescents.

http://carnegie.org/fileadmin/Media/Publications/PDF/tta_Morsy.pdf

Time to Act: An Agenda for Advancing Adolescent Literacy for College and Career Success (4-12) describes the research base and data on how to help students “read to learn” to become more skilled readers as they enter college and careers.

http://carnegie.org/fileadmin/Media/Publications/PDF/tta_Main.pdf

Adolescent Literacy Development in Out-of-School Time: A Practitioner's Guide provides the best information to date on the various strategies for engaging youth in literate practices in structured after-school, summer, and weekend youth development programs.

http://carnegie.org/fileadmin/Media/Publications/PDF/tta_Moje.pdf

America's Opportunity: Teacher Effectiveness and Equity in K-12 Classrooms

Written in collaboration with experts in the field and staff from regional comprehensive centers and state education agencies, the second biennial report of the National Comprehensive Center for Teacher Quality synthesizes the emerging research base on teacher effectiveness and equitable distribution of K–12 teachers. This research reinforces the federal focus on ensuring highly effective teachers for all students.

<http://www.tqsource.org/publications/2009TQBiennialReport.php>

