



Vol. 4 No.7

September 28,, 2011

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Science Resources

A Framework for K-12 Science Education. This document, based on the research on teaching and learning science, provides the first step towards creating new standards in K-12 science education. It defines the foundational knowledge and skills to be taught in K-12 science and engineering. This document can be accessed from the COI website [here](#).

Webinar: Exploring the New National Research Council's Framework for K-12 Science Education. To accompany the release of *A Framework for K-12 Science Education*, the Center on Instruction then held a webinar September 21, 2011. COI-Science Director Craig Strang discussed the contents of this document and highlighted significant approaches that have implications for the implementation of science, such as a strong alignment with the Common Core Language Arts Standards focused on disciplinary literacy, the expansion of a broader set of science and engineering practices, and an emphasis on a developmental approach that leads to deeper understanding of a few big ideas in science. The archived webinar and the PowerPoint presentation used in the webinar are available on the COI website [here](#).

RTI Resources

Additional components for the Tiered Interventions in High Schools: Using Preliminary Lessons Learned to Guide Ongoing Discussion - PowerPoint presentation and planning template. The collaborative report from the Center on Instruction, the National High School Center, and the National Center on Response to Intervention, summarizes what the High School Tiered Interventions Initiative (HSTII) has learned about effective implementation of RTI in high schools.

To accompany the report, the HSTII has now developed a presentation *Summary of "Tiered Interventions in High Schools: Using Preliminary 'Lessons Learned' to Guide Ongoing Discussions"* and a Contextual Factors of Implementation Planning

Template, both based on the published document. These materials are designed to facilitate discussions about high school tiered interventions with school staff. These can be downloaded from the COI website [here](#).

RTI for ELLs: Appropriately Using Screening and Progress Monitoring Tools to Improve Instructional Outcomes. This brief from the National Center on RTI provides a framework for using Response to Intervention (RTI) with students who are English Language Learners from Hispanic backgrounds. This document can be accessed from the COI website [here](#).

IRIS Module: RTI Mathematics. Developed by the IRIS Center in association with the Tennessee State Personnel Development Grant, this professional development module describes a 3-Tier RTI framework as applied to mathematics. It includes information on instruction, assessment, and data-based decision making. This module can be accessed from the COI website [here](#).

The Center on Instruction is one of five content centers that support the regional comprehensive centers in providing technical assistance to SEAs and districts/schools in need of improvement. The goal of COI is to supply much of the research-based information, products, guidance, analyses, and knowledge on instruction in reading, mathematics, science, special education, and English language learning that Regional Comprehensive Centers use when working with states. COI is funded by the Office of Elementary and Secondary Education and Office of Special Education Programs at the U.S. Department of Education under cooperative agreement # S283B050034.

Please send any suggestions or comments regarding our E-Newsletter to COI-info@rmcres.com. We would love to hear from you! If you've received this newsletter in error, or if you wish to unsubscribe, please email us at COI-info@rmcres.com and write "unsubscribe" in the subject line.

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