

## **Special Edition: COI Resources for College and Career Ready Standards (including Common Core State Standards)**

States seeking technical assistance with the implementation of college and career-ready standards such as those in the Common Core State Standards (CCSS) need guidance to implement these standards, including specific strategies and interventions to support low-achieving students, English language learners, and students with special needs. COI provides resources that can facilitate (1) planning or strengthening effective instructional programs, (2) supporting the alignment of instruction, (3) providing guidance on using student data to drive instruction, and (4) using instructional practice data to alter strategies in schools that are implementing college and career ready standards. Listed below are a sample of COI's resources on this topic; for additional resources, click [here](#). For other resources on Literacy, STEM/Mathematics/Science, Special Education, RTI (Response to Intervention), English Language Learning, Early Learning, and eLearning, please visit our website at <http://centeroninstruction.org>.

### **ENGLISH LANGUAGE ARTS AND LITERACY STANDARDS**

[Webinar: Taking a Look at the English Language Arts and Literacy Common Core State Standards: A COI Discussion](#). This Center on Instruction webinar provides an overview and an opportunity to explore and learn more about the Common Core State Standards as they relate to English Language Arts and Literacy from kindergarten to college and career readiness. [Read more...](#)



[Student Center Activities Aligned to the Common Core State Standards](#). This publication from the Center on Instruction helps educators create differentiated reading instruction experiences for their students by showing the relationship between two distinct resources: Student Center Activities, created by the Florida Center for Reading Research as differentiated reading activities for use in small student groups, and the Common Core State Standards in English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects in K-5. [Read more...](#)



[Using Instruction Routines to Differentiate Instruction: A Guide for Teachers](#). This publication from the Center on Instruction helps educators plan differentiated instruction using 72 formatted activities called Instructional Routines for teaching specific foundational reading skills. Included is a table which displays the alignment between the Instructional Routines and the Common Core State

Standards, organized by the five reading components (phonemic awareness, phonics, fluency, vocabulary, and comprehension.) [Read more...](#)



[Reviewing a Reading Program: Professional Development Module](#). The Center on Instruction has developed a two-day professional development module based on the Florida Center for Reading Research's "Guidelines for reviewing a Reading Program" designed to guide reviewers of reading programs through the review process to determine if a program is consistent with the scientific research on reading. [Read more...](#)



[Designing High Quality Professional Development: Building a Community of Reading Experts in Elementary Schools](#). This brief from the Center on Instruction provides guidelines for building a high-quality professional development program to support reading instruction in elementary schools, including those schools implementing college and career ready standards, to deliver an effective instructional program. [Read more...](#)



[A Comprehensive K-3 Reading Assessment Plan: Guidance for School Leaders](#). This guide from the Center on Instruction can facilitate assessment planning and use of data to drive instruction in schools. The general principles outlined, such as the early identification of students who are struggling in learning to read, are all based on scientific findings, but the recommendations for implementation are derived from practical experiences. [Read more...](#)



[Intensive Interventions for Struggling Students in Reading and Mathematics](#). This guide from the Center on Instruction provides research-based guidance that reflects "best practices" for intensifying instruction in reading and mathematics for students with significant learning difficulties in K-12, including students with disabilities. It can also be used as a resource for instructional specialists and special education teachers who are searching for broad guidelines on the design and delivery of intensive interventions. [Read more...](#)

## **MATHEMATICS STANDARDS**

[Webinar: Common Core State Standards for Mathematics – What, How, When and How about YOU!](#)

This Center on Instruction webinar features Francis (Skip) Fennell, who provides an overview of the Common Core State Standards and the intended impact on the field of mathematics. [Read more...](#)

[Webinar: The Common Core State Standards for Mathematics in Grades 9-12](#).

This Center on Instruction webinar provides an overview of the Common Core State Standards in Mathematics in Grades 9-12, with a focus on the mathematical practices. Fred Dillon reviews two models and their accelerated options, describes a reasoning approach to the materials that includes significant math opportunities for all students, and demonstrates different approaches for students with different abilities and the reality of the fourth year mathematics. [Read more...](#)

[Webinar: Focusing on Mathematics State Standards: The Next Step toward a Coherent K-12](#)

[Experience for All Students](#). This Center on Instruction webinar discusses the National Council of

Teachers of Mathematics (NCTM) PK-8 Curriculum Focal Points and how this new generation of state standards may look different in a post-Focal Point world. Cathy Seeley, former president of NCTM and a major contributor to the creation of the Curriculum Focal Points, also discusses the challenges of bringing focus and coherence from PK-8 to high school and what changes may be necessary as attention is shifted toward a more robust PK-12 experience for all students to be ready for college and the workplace. [Read more...](#)

[\*Webinar: Implementing the Common Core State Standards for Mathematics.\*](#) With an eye toward college and career readiness for all students and drawing on the principles of Response to Intervention, this webinar which the Center on Instruction co-sponsored with the Northwest Regional Comprehensive Center and the Alaska Comprehensive Center, focuses on recommended changes in curriculum, instruction, and programmatic support and shared resources, strategies, and timelines for a sensible implementation plan. This is one of a series of webinars especially designed to assist rural school staff with implementation of their School Improvement Grants (SIG). [Read more...](#)

[\*Phoenix Rising: Bringing the Common Core Mathematics Standards to Life.\*](#) In the Fall 2011 edition of *American Educator*, Hung-si Wu describes the potential of the Common Core State Standards in Mathematics, making a case for why these are important and why efforts need to be expended in ensuring that the standards are implemented. [Read more...](#)

[\*Comparing the Common Core State Standards in Mathematics to the Recommendations of the National Mathematics Advisory Panel.\*](#) This ACHIEVE brief describes the comparison between the Common Core State Standards and the National Mathematics Advisory Panel's (NMAP) recommendations found in Foundation for Success. [Read more...](#)

[\*Common Core State Standards for Mathematics – Appendix A: Designing High School Mathematics Courses Based on the Common Core State Standards.\*](#) This document helps states think about how the high school Common Core State Standards might be organized into four Model Course Pathways in Mathematics that provide college and career readiness. [Read more...](#)

## **SCIENCE STANDARDS**

[\*Webinar: Exploring the National Research Council's "Framework for K-12 Science Education".\*](#) This Center on Instruction webinar discusses the NRC's Framework document as the first step towards creating new standards in K-12 science education. It highlights significant approaches that have implications for the development of those standards, 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 than described in previous standards and frameworks, and an emphasis on a developmental approach that leads to deeper understanding of a few big ideas in science. [Read more...](#)

## **STANDARDS AND RESPONSE TO INTERVENTION (RTI)**

[\*Webinar: Connecting RTI to New Priorities: Aligning Educational Initiatives.\*](#) This Center on Instruction webinar discusses states' implementation of new priorities such as School Improvement Grants (SIG), college & career ready standards (including CCSS), and meeting the needs of diverse student populations, and how these initiatives align with Response to Intervention (RTI). [Read more...](#)

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Please visit our website at <http://centeroninstruction.org> to find other relevant resources that can be downloaded FREE.

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The Center on Instruction is one of five content centers to 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 key topics related to the Elementary and Secondary Education Act (ESEA) to the 16 Regional Comprehensive Centers for their work with states and districts.

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