An Introduction to Resources from the Center on Instruction

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2010
Introducing COI’s Resources

- Section 1: Resources for Course Reading or to Support Class Discussion/Activities
- Section 2: Supports for active learning and implementation tools
- Section 3: Resources for administrator training programs
- Section 4: Finding the Resources You Need

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Today’s Topics

- Adolescent Literacy Instruction and Interventions
- Literacy Instruction and Interventions for ELLs
- Assessments in Adolescent Literacy
- Grades K-3: Literacy Instruction and Interventions
- Math Instruction and Interventions
- Assessments in Mathematics

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Adolescent Literacy Instruction and Interventions

Examples of Resources

- Academic Literacy Instruction for Adolescents: A Guidance Document from the Center on Instruction
- Effective Instruction for Adolescent Struggling Readers (complete package)
- Bringing Literacy Strategies into Content Instruction

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Academic Literacy Instruction for Adolescents: A Guidance Document from the Center on Instruction

- This document provides recommendations for
  - improving literacy-related instruction in the content areas or across the entire school day,
  - interventions for students reading below grade level, and
  - recommendations for supporting literacy development in adolescent English language learners.

- Includes comments from experts and examples of state activities.


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Adolescent Literacy
Instruction and Interventions

Effective Instruction for Adolescent Struggling Readers

- Complete package: (a) meta-analysis; (b) practice brief; (c) professional development module (Facilitator Guide and PPT); and (d) training of trainers materials
- Deepens knowledge of reading-related issues for adolescents with reading difficulties and learning disabilities.
- Guides delivery of instruction for adolescent struggling readers, particularly secondary interventions in the general education context.
- Complete package can support a Bachelor’s or Master’s level course preparing students for providing interventions.

http://www.centeroninstruction.org/resources.cfm?category=specialed&subcategory=&grade_start=&grade_end=#153

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Adolescent Literacy
Instruction and Interventions

Bringing Literacy Strategies into Content Instruction

- Provides information & illustrations about literacy in content areas and the professional development that teachers need to support their instruction.
- Strategies discussed are useful for all students.
- This document could provide a supplemental text or resource in a literacy course for content area teachers or for special education teachers who may be placed in coaching or collaborative teaching situations. The scenarios could be used as a basis for classroom discussions or writing assignments.


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Literacy Instruction and Interventions for English Language Learners

Examples of Resources

- Language and Reading Interventions for English Language Learners and English Language Learners with Disabilities
- Practical Guidelines for the Education of English Language Learners: Series of 3 books

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Literacy Instruction and Interventions for English Language Learners

Language and Reading Interventions for English Language Learners and English Language Learners with Disabilities

- Information about assessment, instructional interventions, and professional development with a particular focus on ELL students who have been identified with a language and/or learning disability or who are at risk for reading difficulties.

- Recommendations and empirical evidence for the types of instructional interventions that best serve ELLs who are at risk for reading difficulties who may or may not have an identified language and/or learning disability.


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Literacy Instruction and Interventions for English Language Learners

Practical Guidelines Series (3 Books)

- Practical Guidelines for the Education of English Language Learners: Recommendations for Instruction and Academic Interventions (Book 1)
  - Address reading and mathematics; for classwide instruction and individualized interventions.

- Practical Guidelines for the Education of English Language Learners: Research-Based Recommendations for Serving Adolescent Newcomers (Book 2)
  - Primarily for adolescent newcomers who have a relatively short period of time in which to simultaneously develop academic language skills and master grade-level content.

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Assessments to Guide Adolescent Literacy Instruction

- Describes assessment systems for schools.
- Focuses on understanding the purpose and use of various types of assessments and student data within the school setting.
- Could be used as a supplemental text for Master’s students in school administration, special education, or reading. It assumes knowledge about different types and characteristics of assessments.


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Grades K-3:
Literacy Instruction and Interventions

Extensive Reading Interventions in Grades K–3: From Research to Practice

- One example of a COI resource addressing reading interventions for K-3 students.
- Report summarizes relevant high-quality research studies and synthesizes their findings on the effects of extensive reading interventions and implications for practice for students with reading problems or learning disabilities in an RTI setting.

http://www.centeroninstruction.org/files/Extensive%20Reading%20Interventions.pdf

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Math Instruction and Interventions

Examples of Resources

- *Mathematics Instruction for Students with Learning Disabilities or Difficulty*
  - Learning Mathematics: A Synthesis of the Intervention Research
- *Mathematics Instruction for Students with Learning Disabilities or Difficulty*
  - Learning Mathematics: A Guide for Teachers
- *A Summary of Nine Key Studies: Multi-Tier Intervention and Response to Interventions for Struggling Students in Mathematics*

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Math Instruction and Interventions

Mathematics Instruction for Students with Learning Disabilities or Difficulty Learning Mathematics: A Synthesis of the Intervention Research

- Synthesizes experimental and quasi-experimental research on instruction that enhances the mathematics performance of students with learning disabilities in grades 1–12, and discusses implications for practice.


Mathematics Instruction for Students with Learning Disabilities or Difficulty Learning Mathematics: A Guide for Teachers

- Companion piece to the meta-analysis and includes NMP findings.
- Describes the seven effective instructional practices identified for teaching mathematics to K–12 students with learning disabilities and students who are experiencing difficulties in learning mathematics but not identified as having a math learning disability.


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A Summary of Nine Key Studies: Multi-Tier Intervention and Response to Interventions for Struggling Students in Mathematics

- Provides information about evidence-based practices for Tier 2 interventions and how to use RTI in mathematics.
- Identifies and describes the most current research available on the use of RTI to help students struggling to learn math.
- Helps teachers and other school personnel understand and utilize what we know about RTI in mathematics education.


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Assessments in Mathematics

Examples of Resources

- Screening for Mathematics Difficulties in K–3 Students
- Curriculum-Based Measurement in Mathematics: An Evidence-Based Formative Assessment Procedure
- An Introduction to Progress Monitoring in Mathematics

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Screening for Mathematics Difficulties in K–3 Students

- Examines effectiveness of existing early screening measures and discusses the key features needed to screen kindergarten through third grade students for difficulties in mathematics.
- Released in 2007; updating this year.


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Curriculum-Based Measurement in Mathematics: An Evidence-Based Formative Assessment Procedure

- M-CBM (Mathematics Curriculum-Based Measurement), with brief history of CBM, basic procedures, implications for practice, and additional resources. It also reviews the research that supports the use of M-CBM.


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Assessments in Mathematics

An Introduction to Progress Monitoring in Mathematics

- Describes progress monitoring, discusses application of progress monitoring at the elementary and at the secondary grade levels, and provides resources for additional information.
- Can be used in a course addressing “what is progress monitoring?”

[Link](http://www.centeroninstruction.org/resources.cfm?category=math&subcategory=&grade_start=&grade_end=#229)

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SECTION 2
Supports for active learning and implementation tools

Examples of Resources

- Student Center Activities Guide
- Reviewing a Reading Program: PD Module
- Instructional Models and Strategies for Teaching English Language Learners
- Language Development for English Language Learners Professional Development Module

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Supports for active learning and implementation tools

**Student Center Activities Guide**

- Explains how to use student centers and materials developed at FCRR to provide differentiated and/or individualized instruction.
  - FCRR’s Student Center Activities are organized according to the five essential components of reading instruction (phonemic awareness, phonics, fluency, vocabulary, and comprehension)
  - For classroom teachers with students at all levels of reading proficiency.
  - More than 500 reading-related games, hands-on projects, and other activities.
  - Grades K-5 & interventions.


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Supports for active learning and implementation tools

**Reviewing a Reading Program: PD Module**

- 3 components: facilitator guide, participant guide, and PPT
- Module can be used to help preservice teachers learn how to analyze instructional materials and reading programs for alignment to the research-based components of reading.
- Can support an assignment, group activity or classroom interactive activity to illustrate application of research to practice.

http://www.centeroninstruction.org/resources.cfm?category=reading&subcategory=&grade_start=&grade_end=#175

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Supports for active learning and implementation tools

**Instructional Models and Strategies for Teaching English Language Learners**

- Research-based strategies that have been effective in instructing ELLs.
- Provides overview of different models and guidance on the most effective strategies to accelerate student learning and maximize instructional time.
- Outlines key contextual factors to consider when making instructional choices for ELLs.
- Can be used to identify differences among instructional programs to select the most appropriate strategies.

http://www.centeroninstruction.org/files/Instructional%20Models%20for%20ELLs.pdf

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Supports for active learning and implementation tools

Language Development for English Language Learners
Professional Development Module

- Components: Facilitator Guide and PPT
- Builds background knowledge on language development, language assessment of English Language Learners, academic language instruction, and vocabulary K-12.
- Can be used as a study group tool; preservice teachers can complete the activities as a self-study guide.

http://www.centeroninstruction.org/resources.cfm?category=ell&subcategory=&grade_start=&grade_end=#231

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SECTION 3
Resources for Administrator Training Programs

Examples of Resources

- Principal Reading Walk-through: K-3
- Adolescent Literacy Walk-through for Principals: A Guide for Instructional Leaders
- Teaching All Students to Read in Elementary School: A Guide for Principals
- A Comprehensive K-3 Reading Assessment Plan: Guidance for School Leaders
- Improving Literacy Instruction in Middle and High School: A Guide for Principals
- Effective Practices for English Language Learners: Principals from Five States Speak

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Resources for Administrator Training Programs

**Principal’s Reading Walk-Through: K-3**

- User-friendly tool for classroom walk-through implementation that can identify research-based reading instruction in the classroom quickly and accurately.
- Can be used in administration courses to provide an overview/introduction of the reading components and effective reading instruction. Includes an implementation tool for administrators to use when they assume administrative positions.

http://www.centeroninstruction.org/resources.cfm?category=reading&subcategory=&grade_start=&grade_end=#203

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Adolescent Literacy Walk-through for Principals: A Guide for Instructional Leaders (Grades 4-12)

- Components: Guide and Scenarios
- For use in Grades 4-5, content-area classes in middle and high school, and with intervention groups or classes.
- Provides an overview/introduction of the reading components and effective reading instruction, examples of what a principal might expect to see in a classroom, and templates that schools may use or adapt.
- Tool allows one to gather information about the quality of literacy and reading intervention instruction in a school, and as a data collection guide for planning targeted professional development and resource allocation.
- Can be used as a tool in administration courses. Preservice teachers can use this tool when they assume administrative positions.

http://www.centeroninstruction.org/resources.cfm?category=reading&subcategory=materials&grade_start=4&grade_end=12#227

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Resources for Administrator Training Programs

*Teaching All Students to Read in Elementary School: A Guide for Principals*

*A Comprehensive K-3 Reading Assessment Plan: Guidance for School Leaders*
http://www.centeroninstruction.org/files/K-3%20Reading.pdf

*Improving Literacy Instruction in Middle and High School: A Guide for Principals*

- Written specifically for principals.
- Can be used in educational administration/ special education administration courses or programs to support learning about implementation of quality reading programs, data use and supporting implementation or quality programs.
- Can also be used as a guide to the areas that principals need to understand in a school reading program. This could be followed by a course activity.

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Effective Practices for English Language Learners: Principals from Five States Speak

- Looks at key practices in schools with high populations of non-native speakers of English that have achieved exemplary academic success.
- Details findings from 49 school principals on nine factors, including school and student characteristics, instructional supports and strategies for ELLs, and barriers to effective instruction for ELLs.
- Can be used as a tool to guide a discussion about characteristics of effective instructional programs.


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SECTION 4
Finding the Resources You Need

- Tabs in left margin
- COI’s eCatalog
- Search box
- New site unveiled soon

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Center on Instruction’s Website

- COI-developed resources (today’s focus)
- COI webinars and resources from onsite pd events
- Non-COI developed resources (reviewed by COI)

Click here to view archived webinars.

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Other Resources on the COI Website

Non-COI resources also on our website.

- Resources have passed our extensive review process.
- Access these resources, at www.centeroninstruction.org.
- Use tabs or search feature.
- COI resources will have cover images to the left of the text. Descriptions of the non-COI resources will simply contain text, no images.
Visit us at
www.centeroninstruction.org

Thank you!

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