

MIExcel Coaching: Content Area Modules Course Outline

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Being a Reading Coach

Overview

- Introduction: Characteristics of Effective Literacy Coaching
- Presentation: Introduction to Being a Reading Coach
- Activity: Plan Your Own Professional Development
- Activity: CCSS ELA Implementation
- Presentation: Common Core State Standards for ELA
- Activity: Curriculum Mapping

Literacy Components

- Introduction: Effective Phonics Instruction
- Presentation: Five Components of Reading
- Activity: Effective Reading Instruction
- Activity: Importance of Spelling
- Presentation: Spelling and Word Study
- Activity: Modifying Spelling Strategies
- Activity: The Effects of Vocabulary on Reading
- Presentation: Vocabulary
- Activity: Vocabulary Strategies

Reading Assessments and Strategies

- Introduction: Interventions for Struggling Readers
- Presentation: Reading Screening and Diagnostic Assessments
- Activity: Researching Reading Assessments
- Activity: Use of Technology to Implement Strategies
- Presentation: Evidence-Based Instructional Strategies in Reading
- Activity: Reading Recommendations
- Activity: Metacognitive Learning Strategies
- Presentation: Learning Strategies for Literacy Part 1
- Presentation: Learning Strategies for Literacy Part 2
- Activity: Selecting Learning Strategies

Being a Math Coach

Overview

- Introduction: Being a Successful Math Coach
- Presentation: Introduction to Being a Math Coach
- Activity: Plan Your Own Professional Development
- Activity: Mathematics Standards
- Presentation: Common Core State Standards for Mathematics
- Activity: Scavenger Hunt on Common Core Standards in Mathematics

Learning Progressions

- Introduction: Math Priorities Video
- Presentation: Intro to Learning Progressions
- Presentation: K-5 Domains
- Activity: Common Core Fraction Progressions
- Activity: Knowing & Teaching Elementary Mathematics
- Presentation: 6-8 Domains
- Presentation: 9-12 Domains
- Activity: Statistics Before Calculus?

Assessments, Instructional Strategies and Learning Strategies for Mathematics

- Introduction: Universal Screening in Math
- Presentation: Mathematics Screen and Diagnostic Assessments
- Activity: Researching Math Assessments
- Activity: Math Activities Plan
- Presentation: Evidence-Based Instruction in Mathematics
- Activity: Researching Evidence-Based Programs
- Activity: Concrete-Representational-Abstract Model
- Presentation: Concrete-Representational-Abstract
- Activity: Use of Manipulatives
- Activity: Smart Learning Strategies
- Presentation: Learning Strategies for Mathematics
- Activity: Metacognitive Strategies
- Activity: The Effects of Vocabulary on Math
- Presentation: Vocabulary in Mathematics
- Activity: Math Vocabulary Strategies

Being a Writing Coach

Overview

- Introduction: Writing Now
- Presentation: Introduction to Being a Writing Coach
- Activity: Plan Your Own Professional Development
- Activity: Research in the Digital World
- Presentation: Common Core State Standards for Writing Part 1
- Presentation: Common Core State Standards for Writing Part 2
- Activity: The Write Way

Writing Skills and Progressions

- Activity: Writing and Thinking
- Presentation: Learning to Write
- Activity: Progression of Writing Skills

Assessments, Evidence-Based Instruction Learning Strategies for Writing

- Activity: Using Mnemonic Devices to Teach Writing
- Presentation: Learning Strategies for Writing

- Activity: Building a Reading-Writing Bridge
- Activity: Formative Assessments in Writing
- Presentation Assessing Writing
- Activity: The Assessment Gap
- Activity: Harnessing Grammar
- Presentation: Evidence-Based Instructional Strategies for Writing
- Activity: IES Practice Guide Recommendation Examples
- Activity: Writing Across the K-12 Curriculum
- Presentation: Writing Across the Curriculum
- Activity: Writing in the Math Classroom

Being a Social Studies Coach

Overview

- Introduction: Teaching and Learning in Social Studies
- Presentation: Introduction to Being a Social Studies Coach
- Activity: Plan Your Own Professional Development
- Activity: Why Historical Thinking Matters
- Presentation: Social Studies Standards and Learning Progressions
- Activity: What Makes a Good History Essay?

Reading, Vocabulary and Writing in Social Studies

- Activity: Social Studies Vocab – Imaginary Lines
- Presentation: Reading and Vocabulary in Social Studies
- Activity: Vocabulary and Comprehension Strategies
- Activity: Writing in the Social Studies Classroom
- Presentation: Writing in Social Studies
- Activity: R.A.F.T.

Assessments, Evidence-Based Instruction Learning Strategies for Social Studies

- Activity: Ferris Bueller's Social Studies Experience
- Presentation: Instructional Strategies for Social Studies
- Activity: Social Studies Learning Activity Types
- Activity: Authentic Assessment
- Presentation: Assessing Learning in Social Studies
- Activity: Formative Assessment
- Activity: Instructional vs. Learning strategies
- Presentation: Student Learning Strategies for Social Studies
- Activity: Learning Strategies for Social Studies

Being a Science Coach

Overview

- Introduction: American Adults Flunk Basic Science
- Presentation: Introduction to Being a Science Coach

- Activity: Plan Your Own Professional Development

Reading, Vocabulary and Writing in Science

- Activity: Literacy in Physics
- Presentation: Reading in Science
- Activity: Reading Charts and Graphs
- Activity: Literacy in Science – Word Clouds
- Presentation: Vocabulary in Science
- Activity: Vocabulary Strategies
- Activity: Teaching and Learning Science Through Writing
- Presentation: Writing in Science
- Activity: R.A.F.T.

Strategies and Assessments in Science

- Activity: Standards and Practices Alignment
- Presentation: Instructional Strategies for Science
- Activity: Instructional Strategies for the Science Classroom
- Activity: Assessment in Science
- Presentation: Assessing Learning in Science
- Activity: Assessing Inquiry
- Activity: Instructional vs. Learning Strategies
- Presentation: Student Learning Strategies for Science
- Activity: Learning Strategies for Science