

enVisionMATH® Common Core © 2015

Pearson Realize™ Edition: Implementation Essentials

Utilize enVisionMATH® Common Core resources to provide effective mathematics instruction. Participants focus on implementation through exploration of the lesson design and specific strategies for problem-based instruction within the elementary classroom. They engage in discussion, observe models of enVisionMATH® Common Core instruction, use planning tools to support focused instruction, and work together to reflect on how to teach and assess enVisionMATH® Common Core.

OUTCOMES:

By the end of the workshop, participants will be able to:

- Demonstrate a deeper understanding of the instructional philosophy, mathematical content, topic resources, lesson structure, and assessment features of enVisionMATH® Common Core.
- Implement instructional strategies that enhance problem-based instruction, and support the development of the Standards for Mathematical Practice at each grade level.
- Utilize enVisionMATH® Common Core assessment and intervention resources to support students' learning.
- Utilize the digital resources to enhance instruction.

AGENDA:

(See the following page for extended agenda.)

Introduction

Section 1: What's the Big Idea?

Section 2: A Closer Look at Lesson Design

Section 3: Instructional Strategies

Section 4: Assessment and Intervention

Section 5: Digital Resources

Reflection and Closing

SECTION	TIME	AGENDA ITEMS
Introduction	15 minutes	Introduction and Welcome Agenda Outcomes
1: What's the Big Idea?	60 minutes	Section 1 Big Questions CCSSM Overview Instructional Philosophy PBIL and the Standards for Mathematical Practice <i>Video: Randall Charles on PBIL and Mathematical Practices</i> Program Organization <i>Video: Randall Charles on Program Organization</i> Planning for a Topic of Instruction <i>Activity: Planning for a Topic of Instruction</i> Math Focus Wall Revisit the Section 1 Big Questions
2: A Closer Look at Lesson Design	75 minutes	Section 2 Big Questions Lesson Overview Quick and Focused: Daily Common Core Review <i>Activity: Part 1: Daily Common Core Review</i> Learning through Problem Solving: PBIL <i>Activity: Part 2: Develop the Concept: Interactive</i> <i>Activity: The Four Phases of PBIL</i> Engage Pose the Problem Make the Important Math Explicit Extend Learning through Problem Solving: PBIL (Summary) Moving Students toward Independence <i>Activity: Part 3: Develop the Concept: Visual and Part 4: Close/Assess and Differentiate</i> Develop the Concept: Visual Close/Assess and Differentiate enVisionMATH® Common Core Lesson Planner Revisit the Section 2 Big Questions
Break	15 minutes	
3: Instructional Strategies	75 minutes	Section 3 Big Questions Instructional Strategies in PBIL <i>Activity: Instructional Strategies in PBIL</i> Rich Classroom Conversations Anticipating Students' Misconceptions Bar Diagrams Using Models and Writing Equations <i>Activity: Using Models and Writing Equations</i> Collecting and Using Formative Assessment Data Differentiating Instruction Revisit the Section 3 Big Questions
Lunch	30 minutes	
4: Assessment and Intervention	60 minutes	Section 4 Big Questions Assessment Opportunities <i>Activity: Assessment Sort</i> Using a Scoring Rubric <i>Activity: Quick Checks: Using the Scoring Rubric</i> Response to Instruction and Intervention (RtI) <i>Activity: Response to Instruction and Intervention (RtI)</i> Using the Math Diagnosis and Intervention System Enhanced Assessments (optional) Developing an Assessment Plan <i>Activity: Developing an Assessment Plan</i> Revisit the Section 4 Big Questions
Break	15 minutes	
5: Digital Resources	60 minutes	Section 5 Big Question Realize the Opportunities <i>Activity: Realize the Opportunities Self-Reflection</i> Navigating Pearson Realize™ <i>Activity: Using Pearson Realize™ to Teach and Assess in enVisionMATH® Common Core</i> Enhancing Mathematics Instruction through Technology Revisit the Section 5 Big Question
Reflection and Closing	15 minutes	Outcomes Review Closing
Total	6 hours	