

Program Overview

Introduction This guide discusses the enVisionMATH program philosophy and organization. It also explains the core program components including the online digital resources.

This guide covers both primary and intermediate grade-level examples. These examples apply to any grade level.

Program Philosophy EnVisionMATH helps students develop conceptual understanding of important math concepts. Every lesson includes a problem-based interactive learning activity that builds concrete understanding of math concepts. Then, step-by-step visual instruction using the Visual Learning Bridge or the Visual Learning Animation deepens students’ understanding of the concept.

EnVisionMATH also provides ongoing assessment, diagnosis, and intervention. Formative assessments are interwoven throughout the program at the lesson and topic level. EnVisionMATH includes daily data-driven differentiated instruction to ensure that every student has the opportunity to succeed.

Program Organization EnVisionMATH is organized with each grade-level program divided into topics. Topics are organized and color-coded by content strands, such as Number and Operations, Algebra, and Problem Solving.

Topics are Focused Topics contain coherent, digestible groups of lessons with a common focus. In a Topic Teacher’s Edition, turn to the Math Background for Teachers page.



Each topic features one or more Big Ideas. These Big Ideas provide cohesion across lessons, topics, grades, and standards. The Big Ideas connect the Essential Understandings featured in each lesson. The sequence of enVisionMATH lessons develops math concepts in depth to teach for understanding.

EnVisionMATH incorporates Understanding by Design, or UbD, which is a comprehensive approach to curricular planning developed by Grant Wiggins and Jay McTighe. Understanding by Design is included in every Topic Math Background, Topic Opener, Lesson Overview, and Lesson Close. With a deeper understanding of math concepts, students can determine when and how to use specific math skills. This enables students to transfer what they learn and solve real-world problems.

Topics are Flexible	Topics are small and flexible. Topic clusters centering around similar math concepts can be moved around to provide a personalized curriculum based on a school’s or district’s preferred math sequence.
Topics are Convenient	Topic materials are conveniently located in one box—the Teacher Resource Package. This saves time in planning lessons and organizing materials within the classroom; everything is in one place.
Core Program Components	The core program components include the Teacher Resource Package, Teacher Program Overview, Math Diagnosis and Intervention System, Student Editions, and Online Digital Resources.
Teacher Resource Package	<p>The Teacher Resource Package contains all of the Topic Teacher’s Editions. Each Topic Teacher’s Edition provides everything you need to prepare for and teach the topic. It contains the teaching plans for every lesson and includes references to additional reteaching, intervention, and assessment resources.</p> <p>Directly behind each Topic Teacher’s Edition is a Topic Pouch. This pouch contains all of the Teacher Resource Masters organized by lesson.</p>



A few examples include the Daily Spiral Review, Quick Check, and leveled Practice Masters. A Teaching Tools pouch at the back of the box contains masters for use during the entire school year.

Teacher’s Program Overview	The Teacher’s Program Overview provides a comprehensive overview of the entire grade-level program. It contains an explanation of the research supporting the program, a pacing guide, and the complete scope and sequence. This guide is a valuable and worthwhile resource; consider reviewing it before planning lessons.
Math Diagnosis and Intervention System	<p>EnVisionMATH provides ongoing assessment, diagnosis, and intervention. There are three levels of intervention within the core program: Ongoing Intervention during the lesson, Strategic Intervention at the end of every lesson, and Intensive Intervention at the end of every topic.</p> <p>The Math Diagnosis and Intervention System provides teachers with intervention lessons that can be used when needed. A flow chart in the</p>

Teacher’s Program Overview describes the embedded assessment and intervention in more detail.



Student Editions

Another core program component is the Student Edition. Intermediate grade levels use a traditional textbook. Primary grade level students use a four-page lesson sheet every day that includes instruction and practice problems with ample space for students to write.

Online Digital Resources

All of these program materials covered are also available online. All student and teacher materials, including the Math Diagnosis and Intervention System, can be accessed from school or from home. Pearson SuccessNet houses the enVisionMATH Digital Systems. In SuccessNet, teachers have access to the interactive lesson content, the Teacher’s and Student Editions, and Success Tracker.

Success Tracker is a powerful online assessment, diagnosis, remediation, and enrichment tool. With Success Tracker, students complete tests online and view immediate feedback about their results. Success Tracker then automatically assigns remediation. There are several detailed reports to help you track student progress and mastery of skills.

In addition to the online resources and Success Tracker, the Premium Digital System provides access to the Visual Learning Animations, Interactive Math Stories, Topic Openers, and more. Instruct the entire class with engaging, interactive content that makes the math come alive.

Review

This guide discussed the enVisionMATH program philosophy and organization. It also examined the core program components including the online digital resources.

For more information, please watch the enVisionMATH tutorials on this Web site.