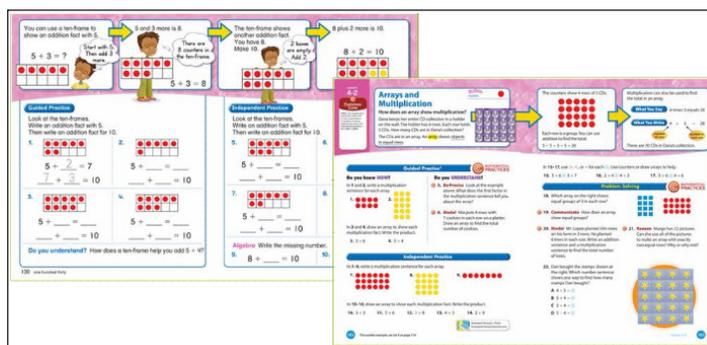


Program Overview

Introduction This guide introduces the enVisionMATH® © 2012 Common Core program philosophy, organization, and the core program components, including the Digital Courseware.



Before We Begin This guide shows both primary and intermediate grade-level examples. Teachers can apply what they have learned to their grade levels. Start by looking at a Topic Teacher’s Edition.



Program Philosophy First, examine the program philosophy. enVisionMATH Common Core was written to specifically address the Common Core State Standards (CCSS). The program is based on critical foundational research and proven classroom results.

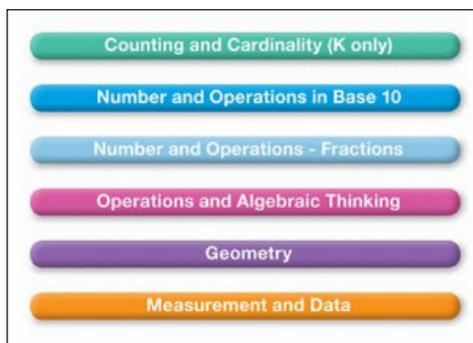
Conceptual Understanding enVisionMATH Common Core helps students develop a conceptual understanding of important math concepts through Problem-Based Interactive Learning, Visual Learning Bridges, and Visual Learning Animations.

It also provides ongoing assessment, diagnosis, and intervention. Formative assessments are interwoven throughout the program at the lesson and topic level.

To make it easy for teachers to respond to students’ individual needs and provide them with the opportunity to succeed, each lesson includes daily, data-driven differentiated instruction.

Program Organization

Now, take a look at the program organization. The program is organized in the way teachers like to teach. Each grade level is divided into topics. Topics are organized and color-coded by CCSS domains, such as Operations and Algebraic Thinking or Measurement and Data.



Focused Topics

Topics in enVisionMATH Common Core are highly focused and provide in-depth coverage of the CCSS.

Turn to the Math Background for Teachers page. The sequence of enVisionMATH Common Core lessons develops in-depth math concepts so that teachers can teach for understanding. They can see that each topic features one or more Big Ideas. The Big Ideas connect the Essential Understandings featured in each lesson.

The Understanding by Design® Framework

The Big Ideas in each lesson align closely to the conceptual categories and domains of the Standards for Mathematical Content in the CCSS. Big Ideas come from the Understanding by Design® framework (UbD™ framework), which is a comprehensive approach to curricular planning developed by Grant Wiggins and Jay McTighe.

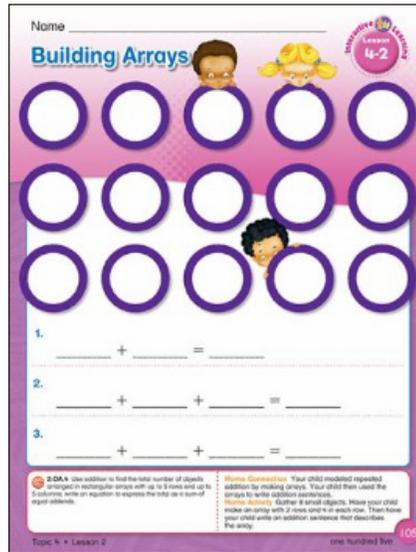
Find these Big Ideas in every Topic Math Background, Topic Opener, Lesson Overview, and Lesson Close. With a deeper understanding of math concepts, students can determine when and how to use specific math skills. This enables students to transfer what they learn and solve real-world problems.

*UNDERSTANDING BY DESIGN® and UbD™ are trademarks of ASCD, and are used under license.

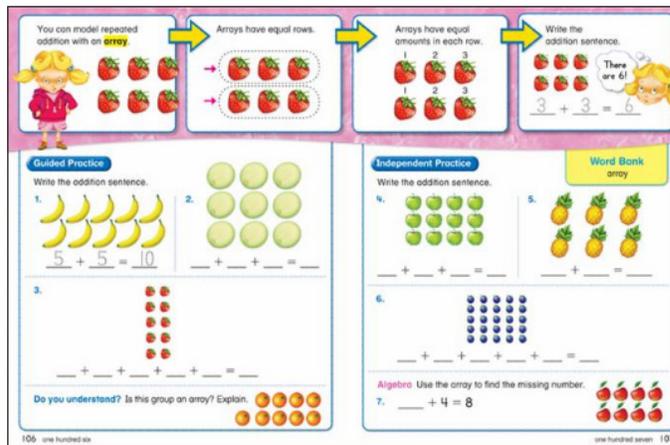
Developing Conceptual Understanding

enVisionMATH Common Core develops conceptual understanding through daily Problem-Based Interactive Learning and step-by-step Visual Learning.

Through Problem-Based Interactive Learning, lessons move from concrete ideas to pictorial representations to abstract representations. Each lesson supports mathematical practices with interactive exploration.



The Visual Learning Bridge provides step-by-step visuals in every lesson to illustrate concepts and improve understanding. Visual Learning Animations go beyond the printed page with animations and models that demonstrate each concept.



Convenient Topics

Topic materials are conveniently located in one box—the Teacher’s Edition and Resource Package. This saves teachers time as they plan their lessons and organize materials within their classrooms. They will find everything they need in one place.

**enVisionMATH
Common Core
Program
Components**

Take a closer look at the enVisionMATH Common Core program components.

**Teacher's
Edition and
Resource
Package**

The Teacher's Edition and Resource Package contains all of the Topic Teacher's Editions. Each Topic Teacher's Edition provides everything teachers 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.



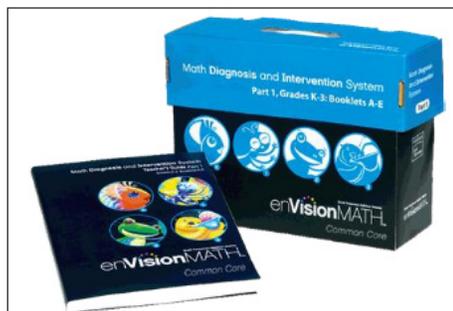
Also included in the Teacher's Edition and Resource Package are Common Core Domain Teacher's Resource Masters books. Each book contains the masters that are most commonly used for each lesson, including the Daily Common Core Review and homework masters. Teachers will also find all of the teaching masters online and on the Teacher's Edition CD-ROM.

**Teacher's
Program
Overview**

Next, 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, resources for implementing the CCSS, a Pacing Guide, and the complete Scope and Sequence. This guide is a valuable resource that teachers will want to reference before they plan their lessons.

**Math Diagnosis
and
Intervention
System**

Earlier, this guide mentioned that enVisionMATH Common Core provides ongoing assessment, diagnosis, and intervention. Teachers will find 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.



The Math Diagnosis and Intervention System provides intervention lessons that teachers can use when they need them. Be sure to check out the flow chart in the *Teacher's Program Overview* that describes the embedded assessment and intervention in more detail.

Student Editions

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

Online Digital Resources

Teachers can access all of the student and teacher materials, including the Math Diagnosis and Intervention System, from school or from home by going online. Through the Digital Courseware, they have access to the interactive lesson content, the Teacher's Edition and student editions, and Success Tracker.



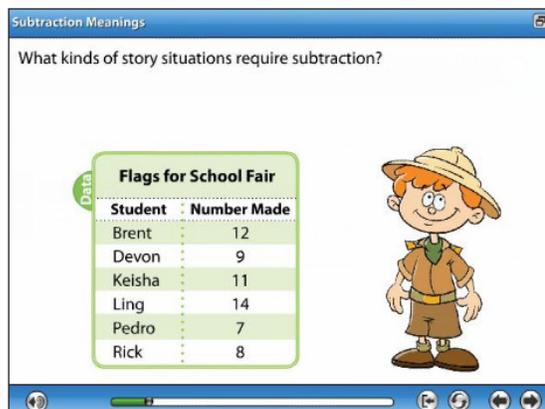
Success Tracker

Success Tracker is a powerful online assessment, diagnosis, remediation, and enrichment tool. With Success Tracker, teachers can diagnose students' understanding of the CCSS automatically. Students complete tests online and view immediate results. Success Tracker then automatically assigns remediation. Teachers will also find several detailed reports to help them track student progress and mastery of skills.



Visual Learning Animations

In addition to the online resources and Success Tracker, the Digital Courseware provides access to the Visual Learning Animations, Interactive Math Stories, Topic Openers, and more, so teachers can instruct their whole class with engaging, interactive content that makes the math come alive.



Review

This guide examined the enVisionMATH Common Core program philosophy, organization, and components. It also discussed the program's online digital resources.

For more information, watch the other enVisionMATH Common Core tutorials on this Web site.