New enVisionmath2.0 Empowers Every Teacher and Learner.

Conceptual Understanding
Deepen students’ abilities to think mathematically.

Personalized and Adaptive Learning
Make math learner-centered, relevant, and focused.

Managed Learning
Simplify with one learning management system.
It Works in Every Classroom.
The instructional model supports learning in print, blended, and 1:1 classrooms.
Accomplish More, Worry Less

Focus within a grade, topic, and lesson. enVisionmath2.0 is organized to focus on Common Core Clusters to best promote mathematical content connections.

The Right Focus at the Right Time

In the Common Core, standards with a common focus are grouped into clusters.

- **enVisionmath2.0** is organized to help students focus on clusters of Common Core standards within a grade.
- The major work for a grade is a priority for earlier in the year, enabling extensive exposure to this content prior to high-stakes assessments.
Proven Classroom Results!

enVisionmath2.0 is built on proven research and results validated by the What Works Clearinghouse. It demonstrates a statistically significant increase in student achievement above and beyond other math programs.

Concepts and Problem Solving

Computation

Ability Level

Proven Classroom Results!

enVisionmath2.0 is built on proven research and results validated by the What Works Clearinghouse. It demonstrates a statistically significant increase in student achievement above and beyond other math programs.

Concepts and Problem Solving

Computation

Ability Level
A Lesson in Understanding

Ensure rigor with problem-based learning. Connect the abstract to the explicit through visual learning. Finally, guide all students to conceptual understanding with multi-tiered RtI.

LESSON STEP 1
Solve & Share
Problem-Based Learning

Introduce concepts and procedures with a problem-solving experience. Facilitate rich classroom conversations that result in deeper conceptual understanding.

Solve & Share Online

This interactive workspace engages students and encourages active participation in their learning.
LESSON STEP 2

Visual Learning

- Visual instruction on the student page gives learners greater access to concepts.

- Make key math ideas explicit with enhanced direct instruction connected to Step 1.

- Visual Learning Animation Plus provides interactive learning and promotes conceptual understanding.

Convince Me! Online

Explain, justify, use reasoning. Animations facilitate class discussion.
Connect to New Ideas

Personalized learning encourages students to spend the time to build their math understanding.

Independent Practice: Math Practices and Problem Solving

- For every lesson in the Student’s Edition
- Build proficiency
- Promote higher-order thinking
- Target Common Core Standards

Practice Buddy Online

Dynamic digital homework provides instant feedback and individual question help, in which errors and misconceptions are corrected. Teachers instantly see if students are prepared to move on to the next concept. (Grades 3–6)
Another Look Homework Video

- Online help
- Presents an example as a lesson refresh

Homework & Practice

- Embedded homework means one less component to manage.
- Leveling allows teachers to personalize skill and problem-solving practice.

- Practice Buddy Online provides dynamic support for homework.

Adaptive Homework & Practice Powered by Knewton

Deliver just-right math content to each student. Personalize math practice and homework. Increase student engagement in a big way.

- Pinpoints the right grade-level and prerequisite skill
- Delivers both instruction and practice
- Offers real-time snapshots of progress
- Integrates online with each grade 3-5 enVisionmath2.0 lesson
Everything Right for Every Learner

A variety of engaging differentiation options in each lesson encourage and challenge students of all learning levels.

**LESSON STEP 3**

**I** Intervention Activity

Differentiate after every lesson to keep learners on track.

**Teacher Guided Activity**

Teacher Guided Activity gives students the extra help they need.

**Reteach to Build Understanding**

Reteach to Build Understanding offers a fresh approach: stepped-out, scaffolded support solidifies understanding.

**I** Intervention **O** On-Level **A** Advanced

Differentiate with technology to reinforce learning.

**Math Tools and Math Games**

Math Tools and Math Games reinforce concepts, critical thinking, and application.
On-Level  A  Advanced
Differentiate in Activity Centers to engage learners.

Quick and Easy Centers Kit for Differentiated Instruction
gives access to all centers materials.

Problem-Solving Reading Mats
apply math understanding in a real-world context from DK books.

Centers Games
provide practice in seven different game formats and include Partner Talk.

Math and Science Activities
relate math to the science theme that’s introduced in the Topic Opener.

Rich pickings

Some animals eat berries and nuts. Others help

Forest plants and animals help each other.

Insects land on flowers to

Sweet nectar

Rain falls. The sun comes out. It’s a good day for growing plants.

Rich pickings

Plenty of flowers appear. Some animals eat the flowers.

As they move on, the pollen goes with them to fertilize

Plants have different ways to make seeds.

Rich pickings

Some seeds are stored inside

Rich pickings

Some seeds are stored inside

Fruity flowers

Once they have been fertilized, flowers turn

Some seeds are stored inside

Fruity flowers

Once they have been fertilized, flowers turn

Trees have rich pickings!

Trees have rich pickings!

Plants and animals need each other.

Plants and animals need each other.

It’s Sports Day at school! Students are running, playing games, and participating in contests. Use the number lines to solve the problems.


2. What is the sum of

3. What is the difference between

4. What is the product of

5. What is the quotient of

6. Jen needs to save $9
toward a new camping tent. She is able to save $180 for a new
camping tent. How much money needs to save to reach her goal?

7. The number line shows how Kerry and Kevin ran in one of the relay races. Write the equation shown on the number line.

8. How far down the field did Jimmy and Carol run?

9. How far down the field did Jimmy and Carol run?

10. It’s Sports Day at school! Students are running, playing games, and participating in contests. Use the number lines to solve the problems.

11. What is the sum of

12. What is the difference between

13. What is the product of

14. What is the quotient of

15. Jen needs to save $9
toward a new camping tent. She is able to save $180 for a new
camping tent. How much money needs to save to reach her goal?

16. The number line shows how Kerry and Kevin ran in one of the relay races. Write the equation shown on the number line.

17. How far down the field did Jimmy and Carol run?

18. How far down the field did Jimmy and Carol run?

19. It’s Sports Day at school! Students are running, playing games, and participating in contests. Use the number lines to solve the problems.

20. What is the sum of

21. What is the difference between

22. What is the product of

23. What is the quotient of

24. Jen needs to save $9
toward a new camping tent. She is able to save $180 for a new
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25. The number line shows how Kerry and Kevin ran in one of the relay races. Write the equation shown on the number line.

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27. How far down the field did Jimmy and Carol run?

28. It’s Sports Day at school! Students are running, playing games, and participating in contests. Use the number lines to solve the problems.

29. What is the sum of

30. What is the difference between

31. What is the product of

32. What is the quotient of

33. Jen needs to save $9
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34. The number line shows how Kerry and Kevin ran in one of the relay races. Write the equation shown on the number line.

35. How far down the field did Jimmy and Carol run?

36. How far down the field did Jimmy and Carol run?
Comprehensive, Not Complicated

Students don’t have to log in!

Rigor at individual learner levels

Realize Centers allow you to create different learning stations using the technology in your classroom.

- Each station is identified by a unique image easily recognized by students.
- Each image provides a lesson differentiation resource.
- You can easily assign pre-built, digital resources to devices for individuals or small groups.
- Age-appropriate theme options are provided.
Today’s Challenge Online provides five problems that increase in difficulty using the same data on five different days. The problems reinforce the kind of thinking students need for success.

Daily ELL instruction includes three levels of English language proficiency:

- Beginning
- Intermediate
- Advanced / Advanced High

### Challenge and support for Next-Generation Assessments

**Today’s Challenge**

**Online** provides five problems that increase in difficulty using the same data on five different days. The problems reinforce the kind of thinking students need for success.

**Daily ELL instruction** includes three levels of English language proficiency:

- Beginning
- Intermediate
- Advanced / Advanced High

### ENGLISH LANGUAGE LEARNERS

**Reading** Use visual and contextual support.

*Use before the **Visual Learning Bridge on Student’s Edition** p. 496.*

Draw a number line for fourths. Label $\frac{0}{4}, \frac{1}{4}, \frac{2}{4}, \frac{3}{4}$, and 1. Have students read the fractions. Discuss how the fractions decrease in value to the left and increase in value to the right. Relate this to whole numbers on the number line.

**Beginning** Draw a number line for sixths. Label with $0, \frac{1}{6}, \frac{2}{6}, \frac{3}{6}, \frac{4}{6}, \frac{5}{6},$ and 1. Ask students to take turns pointing to the tick marks and reading the fraction labels.

**Intermediate** Draw a number line for sixths. Label the tick marks for $0, \frac{1}{6}, \frac{2}{6}$, and 1. Ask students to take turns filling in the missing fractions and reading them aloud. Do the fractions increase or decrease as you move to the right on the number line?

**Advanced** Draw a number line for sixths. Label the tick marks for $0, \frac{1}{3},$ and 1. Ask students to take turns filling in the missing fractions and reading them aloud. Ask students to discuss the relationship between the values on the number line. Do the fractions increase or decrease as you move to the right on the number line? What fraction is two equal segments to the right of $\frac{2}{3}$?

**Summarize** How can reading a number line help you solve math problems?
Next-Generation Assessment

Technology-enhanced test items are in the same format your students will use on the Next-Generation Common Core Assessments.

Prepare Students for High-Stakes Tests

Your students can log on and practice with online test items, navigate through a test, and use interaction.

- Multiple Choice
- Multiple Correct Multiple Choice
- Drag & Drop
- Inline Choice (drop-down menu)
- And so much more!

All-New Enrichment Masters

New for 2017 are Enrichment Resource Masters for Grades K through 5. They are the best way for teachers to provide their advanced math students and “fast-finishers” with more relevant, personalized and challenging instruction. And it integrates seamlessly with the current enVisionmath2.0 curriculum.

- Grades K-5
- 1 Activity per lesson
- English & Spanish
SUMMATIVE Assessment Options include:
- Topic Assessments (Print/Online)
- Topic Performance Assessments (Print/Online)
- ExamView® DVD-ROM
- Fluency Assessments
- Cumulative/Benchmark Assessments (Print/Online)
- End-of-Year Assessments (Print/Online)

DIAGNOSTIC Assessment Options include:
- Placement Tests (Print)
- Placement Tests (Online)
- Review What You Know (Topic Level)

FORMATIVE Assessment Options include:
- Visual Learning Animation Plus
- Questions to Use with the Visual Learning Bridge
- Do You Understand? and Show/Convince Me!
- Guided Practice
- Quick Check (Print/Online)
Add the Power of Realize

Customize the curriculum and make data-driven decisions. The Realize online management system offers flexibility in planning, teaching, learning, and progress monitoring.

From Fixed to Flexible

Content focuses on Common Core Clusters. But you can reorder topics and lessons to meet your own district sequence and curriculum guide.

Easy to Search and Find

Search by keyword or by Common Core State Standard. Find lessons, resources, and assessments. It’s simple and quick.

Try a FREE demo today at pearsonrealize.com
Made for You, by You!
Upload content and add Web links directly to your lesson planner. Edit resources to meet the needs of your classroom.

Clear and Usable Data
Check progress with individual and class views. Reports show mastery, progress, and usage data to inform instruction.
Components

All materials available at PearsonRealize.com

Digital Resources
DVDs

All online assets used in a topic/lesson:
• Today’s Challenge
• Solve & Share
• Visual Learning Animation Plus
• Math Tools, and more!

Another Look Homework Video
Also access through BouncePage App

Practice Buddy
Interactive Learning

Solve & Share

Visual Learning Animations Plus
Also access through BouncePage App

Math Tools, Math Games,
and Today’s Challenge
Teacher’s Edition
- Print, eText Online, and DVD-ROM
- 2 volumes for ease of use
- Leveled ELPS instruction

Student’s Edition
- Consumable, 2 volumes
- Built-in homework
- Print, eText Online, and CD-ROM

Teacher’s Edition Program Overview
includes pacing, scope and sequence, correlation, and more.

Math Practice Posters and Math Practice Animations
make practice engaging for all students.
Components

**Teacher’s Resource Masters**
- 2 volumes
- Program blackline masters

**Assessment Sourcebook**
- Placement Test
- Basic-Facts Timed Test (Grades 1-6)
- Topic Assessment
- Topic Performance Assessment
- Cumulative/Benchmark Assessment
- 3/4-Year Performance-Based Assessment
- End-of-Year Assessment

**Interactive Math Story Books and Animated Stories (K-2)**
- Introduces new topics
- Emphasizes interactive learning

**Quick and Easy Centers Kit for Differentiated Instruction**
Pocket organizer for center resources:
- Centers Games, On-Level and Advanced
- Math and Science Activities
- Problem-Solving Reading Mats and Activity Sheets
- Digital Math Tools Activities
- Centers Kits
- Activity Guide

**ELL Toolkit**
- Additional support with ELL strategies for each lesson
- Problem-based, interactive activities
- Connects new concepts to prior learning

**Math Diagnosis and Intervention System 2.0**
- Assess students’ CCSS progress
- Monitor progress over time
- Intervention tied to lesson CCSS
- Includes Teacher’s Guide and tests
Problem-Solving
Reading Mats and
Activity Guide
- Used twice per Topic
- Data-filled mat uses colorful images
- Lesson-specific problems use data from mat
- Activity Guide suggests additional uses

Professional Development Videos
- Online and mobile access
- Quick “watch me first” videos for each Topic
- Author highlights important math concepts and skills

Listen and Look For Videos
- Online and mobile access
- Short videos for every lesson
- Explicit Common Core connections
- Model student thinking and outcomes

myPearsonTraining.com
- Online tutorials and user guides
- Implementation ideas
- Available 24/7

Manipulative Kits
- Centers, Teacher Demonstration, Individual Student

Rich pickings
Fruity flowers
Once they have been fertilized, flowers turn into fruit or nuts.

Buried treasure
Chipmunks bury acorns in the earth so they will have food for the winter. Often, they forget what they have done, and the acorns grow into oak trees!

Hitching a ride
Some seeds are stored inside sticky burs that get caught on animal fur.
Pollen clings to bees’ fuzzy bodies.

Feasting for winter
During the autumn, this American black bear needs to eat as much as he can to keep him going through the long, cold winter.

Sweet nectar
Insects land on flowers to drink the nectar. Pollen sticks to their legs and bodies. As they move on, the pollen goes with them to fertilize the next flower.
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<th>Individual Student Kit</th>
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*Center Manipulative Kits contain 100 color tiles, 2 yellow number cubes, and 10 number tiles at every grade level.
Try a Free Online Demo at PearsonRealize.com