enVisionmath2.0
Digital Courseware

This handout contains references to Grade 6 content in the elementary setting for enVisionmath2.0 Common Core © 2016. If you are a middle school customer teaching Grades 6–8, please use the materials and on-demand training for © 2017.

Introduction

This handout explores the digital courseware for enVisionmath2.0.
It explores customizable program components on the Pearson Realize™ platform, identifies ways to engage students through dynamic digital content, and explains the powerful embedded assessments and data-tracking tools.
Begin at PearsonRealize.com. If you already have an account on other Pearson platforms, you can use the same log-in information here. Otherwise, sign up for a new account.

From your home page, you can access program resources as well as class management and data-tracking tools.

Your students will see similar menus where they can access program resources, view their assignments, and check their grades.

There are many digital resources available on PearsonRealize.com. These icons will help you identify some of them.

Assign videos, assessments, worksheets, games, and other digital resources to your students using the Assign link.

Resources that do not have an Assign link are intended for teacher use only, such as the Listen and Look For professional development videos.
Teacher Resources Sidebar

Find additional teacher resources for enVisionmath2.0 by selecting Show teacher resources. The sidebar that pops up contains documents and resources that relate to the program, topic, or lesson table of contents that you have open.

Choose to leave the sidebar open, or hide it to focus on the content.
Customizable Content

Take advantage of the flexibility built into enVisionmath2.0 by customizing its contents to meet your needs.

Drag and drop topics or lesson content into any order that aligns with your district framework.

Add content such as notes, images, documents, presentations, audio files, videos, or websites. Choose to share these resources with your students, or keep them in a convenient place to use them during your classroom instruction.
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From your home page, choose your enVisionmath2.0 program to view its contents.

You’ll see the table of contents with thumbnails. For instance, there’s a link to a Professional Development Video, and there are some topic materials.

This list will also display available assessments. Administer the assessments for a broad evaluation of your students’ knowledge. Use the Placement Test to check students’ understanding of skills and concepts at the start of the year. Assess content knowledge at the end of a lesson with the online Quick Checks. Use Topic and Benchmark summative assessments at the end of a topic or group of topics.

Additional support materials are located on the “Teacher resources” sidebar, including test answer keys, Teaching Tools, and the Today’s Challenge Teacher’s Guide.
Digital Topic Resources

You’ll find topic-specific resources in the topic table of contents.

Watch the Professional Development Video prior to teaching each topic. Each topic video provides important background information from the program authors.

Engage your students with Today’s Challenge. Each topic challenge includes five problems that use the same data, but become increasingly harder each day.

Ask students to write their own problems online using the DrawPad.

Explore the Begin Topic resources. Here you’ll find the following:

- The Math and Science Project
- Review What You Know
- Vocabulary Cards

The End Topic resources include the following:

- The Fluency Practice Activity
- Reteaching resources
- A Vocabulary Review

Find more topic-specific resources on the “Teacher resources” sidebar.

Connect with parents and reinforce classroom learning with Home–School Connection letters. These letters provide an overview of the concepts that students will study in the topic. They also offer ideas for math activities that parents and students can complete together.

Additionally, you’ll see the topic Performance Assessment and answer key as well as supporting documents for Problem-Solving Reading Activities.
Digital Lesson Resources

Draw on engaging resources for individual lessons in the lesson table of contents.

Begin every lesson with a Solve and Share problem. Build students’ understanding about the important math ideas in the lesson through this Problem-Based Learning activity. Assign the Solve and Share problem to students through Pearson Realize, or project the problem in the classroom and have students follow along in their student editions.

During instruction, model math concepts with the Visual Learning Animation Plus video. This video corresponds to the Visual Learning Bridge for each lesson.

Show the animations to unpack problems through a step-by-step approach. When the videos pause automatically, engage your students in a discussion to help them become proficient problem solvers. Look to the Math Anytime section to view a snapshot of the Daily Common Core Review master. Use this skills practice at any time during the lesson. The Math Anytime section also includes Today’s Challenge. This interactive activity is designed for whole-class instruction which you can use at any time during the topic.

Use Show Me or Convince Me during the lesson. This interactive component provides the Do You Understand or Convince Me problem from the student edition in an interactive format. It is designed for whole-class instruction.

Practice Buddy for Grades 3–6 provides personalized practice for many lesson components including Independent Practice, Math Practices and Problem Solving, and Homework and Practice.

Don’t forget that you can customize each lesson by adjusting the order of lesson content and adding your own resources. You can even add notes for your students as they navigate through the program.
Digital Homework Support

Digital homework support options are available to your students for extra support and homework guidance.

Practice Buddy, powered by MathXL® for School, provides on-level content practice for Grades 3–6. These exercises have built-in learning aides via a drop-down menu to help provide support. Students can select the type of support they need, including the following:

- Help Me Solve This
- View an Example
- Another Look videos
- Visual Learning animations

Adaptive Homework and Practice Powered by Knewton provides support for students for the Homework and Practice part of each lesson.

Knewton gathers student performance information from the online assessments, Quick Checks, and Practice Tasks and uses that information to intelligently prescribe tasks and content to meet the individual learning needs of each student. The Homework and Practice assignments provide both on-level and prerequisite skills support.

The Adaptive Homework and Practice assignments provide a more productive experience because they are tailored to each student’s needs and understanding. This ensures that students are ready to progress to the next day’s objective. Instructional tasks may include Another Look videos, Visual Learning Animation Plus videos, Reteach to Build Understanding worksheets, and Math Diagnosis and Intervention System 2.0 lessons.

And keep in mind, the more a student uses the prescribed Homework and Practice assignments, the better Knewton gets at adapting to the student’s individual needs.
Assignments

Assign assessments, Visual Learning Animations, worksheets, and other resources with the Assign link. You have the option of assigning work to entire classes, or differentiating instruction by giving assignments to groups of students or individual students.

Show your students how they can see the assignment list when they log in to the student edition of Realize. Once students submit online assessments, they are automatically graded by the system. For other types of assignments, ask students to turn in a paper copy, submit an attachment, or submit their own responses online.

You can monitor students’ completions of assignments from the Classes tab.

To grade assignments that are not automatically scored, click Score and enter a percentage score. This allows students and parents to have easy access to all student grades in one place.

The Classes tab also includes a calendar to help you easily track assignments and events.
Assessments

Take advantage of the power of the online assessments embedded in the Pearson Realize platform. When you assign an online assessment, students can log in from a computer or mobile device to take the assessment.

Show students how to use the built-in audio support. Students can click on this icon to hear the questions read out loud.

After students finish the assessment and submit their answers, they will receive immediate feedback.

On the due date, review data from the assessment to see how well each student has mastered the content.

For online Quick Checks, Topic Assessments, and Benchmark Tests, have the platform automatically assign remediation and enrichment activities to students based on this data.

Lesson content is aligned to resources in the Math Diagnosis and Intervention System 2.0, or MDIS 2.0. You can access MDIS 2.0 from the program table of contents.
More Assessment Options

To utilize data-tracking tools on tests or quizzes that you create, add your own assessments to Pearson Realize.

Select the number of attempts allowed for each question as well as how many times students can attempt the assessment as a whole.

You can also create multiple-choice and gridded-response questions.
Additional Digital Resources

Now let's explore other digital resources from your enVisionmath2.0 classroom.

Under Programs, go to the Standards tab to view the Common Core Mathematical Standards for your grade. Choose a strand to see all of the lessons, activities, and resources that support that strand. Search by keyword to locate content that you can use to support your students.

In the Tools menu, access the Game Center to motivate students, reinforce skills, and develop procedural fluency.

The Tools menu also includes a Glossary where you can find animated illustrations and definitions of key terms.

Show your students how to access the online Math Tools. Use the tools in class to demonstrate concepts, or have your students use them at home to actively engage with digital manipulatives.
Have students interact with their student editions online in their ACTIVe-books. When students use the ACTIVe-book, powered by Dash, they can access activities such as the following:

- The Math and Science Project
- Review What You Know
- My Word Cards
Access a digital version of the Teacher's Edition from the eText tab on Pearson Realize or through the Pearson eText for Schools app on your tablet. You can also access a digital version of the student edition.

You can use the eText version with a smart board. If you don’t have a smart board available, you can use the smart board view to access drawing tools to demonstrate concepts or highlight specific steps for your students.
Pearson BouncePages

Access Visual Learning Animations and the Another Look Homework Videos from the student edition on any mobile device with the Pearson BouncePages app. Download Pearson BouncePages for your tablet or smartphone via your mobile app store.

Closing
Thank you for exploring the digital courseware components for enVisionmath2.0.
For additional resources, please visit MyPearsonTraining.com.