

## Introducing Topics

**Introduction** This guide discusses the first part of the enVisionMATH instructional design: Introducing Topics. It covers how to assess for topic readiness. The guide also explains the Topic Opener activities for primary and intermediate grade levels.

**Assess Topic Readiness** Turn to the Topic Opener page in the Topic Teacher’s Edition. Look at the Review What You Know section. The problems in this section provide a quick topic readiness assessment. In-depth Topic Readiness Tests can also be found online.

At the bottom of the page, there is an item analysis chart. This chart provides a summary of the objective for each problem.

Objective	Items	Student Book Lessons	Intervention System
Recall the definitions of array, difference, factor, and product.	1–3	3-2; 5-1; 5-2	B29, B30, B43
Model addition and subtraction using pictures, words, and symbols.	4–6	3-1	B29, B30
Learn and apply multiplication facts through 12 by 12 using concrete models and objects.	7–16	5-6; 5-8; 6-1; 6-2; 6-3; 6-6	B43, B47, B52

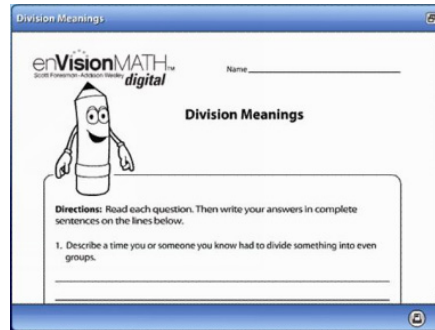
Find references to Student Edition lessons for reteaching and intervention lessons in the Math Diagnosis and Intervention System.

**Topic Opener Activities** Once topic readiness has been assessed, it is time to introduce the new math topic. The purpose of the Topic Opener activity is to engage students and build background knowledge to prepare them for the math content to come.

**Primary Grades** For the primary grades, the Interactive Math Story sets the stage for the lessons ahead. Teachers can read the story from the Big Book or use a computer to show the Interactive Math Story Animation. The blackline masters of the story are in the Topic Pouch to provide each student with a copy of the story, which increases engagement. The Topic Teacher’s Edition suggests ways students can read, gesture, color, write, and speak to show their understanding of the math in the story.

**Intermediate Grades** The Topic Opener pages in the Intermediate grade textbooks provide intriguing questions. Students will learn the answers to these questions as they complete the lessons. Teachers can also show thought-provoking Topic Videos, which are available on the Premium Digital System, to the whole class, providing a real-world example of the math concept.

Print Partner worksheets, which are printable worksheets, are available online. These worksheets ask students to apply what they learned in the video.



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## All Grades

The Home-School Connection letter provides a quick overview of the content that students will be learning in the next week or two. Read the Home-School Connection letter to students and have them sign it.



The primary Topic Opener page also has a game board with instructions for playing the game. This provides a practice opportunity of foundational math skills. The Home-School Connection letter and game activity for intermediate grades are in the Topic Pouch.

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## Review

This guide introduced the enVisionMATH topics and discussed assessing for topic readiness. This guide also looked at the Topic Opener activities available for primary and intermediate grade levels.

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