

## Tutorial Guide: Introducing a Topic

### Program Description

EnVisionMATH is a math program that balances skill instruction with instruction that develops conceptual understanding through problem-based interactive learning and visual learning.

### Helpful Materials



The materials that are referred to in this tutorial:

- Topic Teacher’s Edition (any grade, any topic)
- Topic Pouch (any grade, any topic)

### Topic Readiness

Topic Opener student pages include "Review What You Know!" questions which provide a quick topic readiness assessment. The Topic Teacher’s Edition provides an item analysis chart for each question. The chart provides a diagnosis of the prerequisite skills and references intervention resources found on specific enVisionMATH lesson pages or in the Math Diagnosis and Intervention System.

### Purpose of Topic Openers

Topic Opener activities engage students and build background that prepares students for the math content in the upcoming lessons.

### Primary Topic Opener Activities

Primary grades use Interactive Math Stories to set the stage for the lessons ahead. The story can be read from a Big Book. Another option is to show the Interactive Math Story Animation using a computer attached to a TV monitor or LCD projector. There is a blackline master of the story in your topic pouch which provides every child with their own copy of the story. This personal copy helps students follow along and be active as they show their understanding. The Teacher’s Edition provides suggestions of ways students can read, gesture, color, write, and speak to show their understanding of the math in the story.

## Intermediate Grade Topic Opener Activities

Intermediate grade textbook Topic Opener pages provide intriguing questions and facts with references to the lesson that will explain more about the math concept.

Premium Digital System users have access to thought-provoking Topic Opener Videos that can be shown to the whole class or individually assigned to students. The videos present real-world information and data that relates to the new math topic. Students use the data to solve problems or answer questions that are provided on a Print Partner. The Print Partners are only available from the Premium Digital System.

## Home-School Connection

Primary Topic Opener student pages include a Home School Connection which provide families with a quick overview of the content that students will be learning. The back side of the student page has a game activity with a game board and directions so students can play at home and reinforce prerequisite math skills.

For intermediate grades, the Home-School connection letter and activity is provided on a reproducible master found in the topic pouch. This letter is available in both English and Spanish.