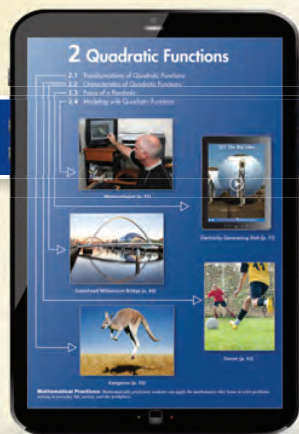


# Personalized Learning

The *Big Ideas Math* program offers teachers and students many ways to personalize and enrich the learning experience of all levels of learners.

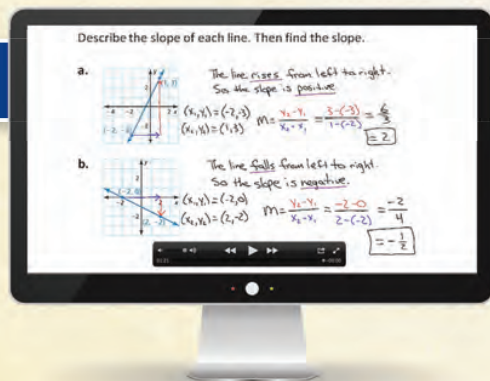


## Dynamic Student Edition

This unique tool, available online or as an eBook App, provides students with embedded 21st century learning resources. Students have the opportunity to interact with the underlying mathematics in a number of ways, including engaging tutorials, interactive manipulatives, flashcards, vocabulary support, and games that enhance the learning experience and promote mathematical understanding.

## Dynamic Assessment & Progress Monitoring Tool

This tool provides personalized links to remediation at point-of-use on student and teacher reports. Teachers can also create customized practice sets for students struggling with a particular concept. Students will receive immediate feedback on their short-answer and multiple-choice responses.



## Online Lesson Tutorials

Two- to three-minute lesson tutorial videos provide video and audio support for every example in the textbook. These are valuable for students who miss a class, need a second explanation, or need extra assistance with a homework assignment. Parents can also utilize the tutorials to stay connected or to provide additional help at home.

# Differentiated Instruction



Through print and digital resources, the **Big Ideas Math** program completely supports the 3-Tier Response to Intervention model. Using research-based strategies, teachers can reach, challenge, and motivate each student with high-quality instruction targeted to individual needs.

## Customized Learning Intervention

- **Big Ideas Math** Middle School program at [BigIdeasMath.com](http://BigIdeasMath.com)

**3  
Tier**

## Strategic Intervention

- Lesson Tutorials
- Game Closet
- Skills Review Handbook
- Differentiated Instruction
- Dynamic Assessment and Progress Monitoring Tool

**2  
Tier**

## Daily Intervention

- Student Journal
- Vocabulary Support
- Lesson Tutorials
- Communicate Your Answer
- Monitoring Progress
- Maintaining Mathematical Proficiency
- Dynamic Assessment and Progress Monitoring Tool

**1  
Tier**

# Big Ideas Math Dynamic Technology

## The Dynamic Assessment and Progress Monitoring Tool

The **Dynamic Assessment and Progress Monitoring Tool** allows teachers to know where their students are and monitor their progress as they guide them to where they need to be. This tool was developed exclusively for **Big Ideas Math** by Pacific Metrics, the educational technology powerhouse that provides assessment resources to PARCC and the Smarter Balanced Assessment Consortium.



- **Assessment Creation and Scheduling**

Assessments can be created by Common Core State Standard or **Big Ideas Math** content.

Features adaptive testing capabilities.

- **Direct Ties to Remediation**

Includes direct links to Lesson Tutorial Videos and Skills Review Handbook resources.

Appears at point-of-use for students and teachers.

- **Customizable Reporting**

Facilitates progress monitoring by student or by class.

Reports can be generated by assessment or by Common Core State Standard.

- **Assessment Delivery with Embedded Tools**

Students have access to scientific calculators, protractors, and other tools when enabled.

Short-answer and multiple-choice questions are automatically graded.

- **Online System with Secure Message Center**

Accounts can be accessed from any location.

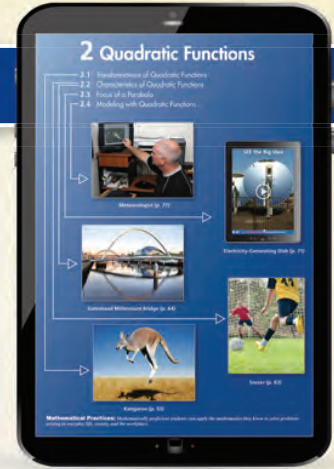
Communicate with one student or an entire class.

- **Easy-to-Use Drag-and-Drop Interface**

Includes a customizable dashboard and scheduling module.

## Dynamic Student Edition

Through the **Dynamic Student Edition eBook App**, students not only have access to the complete textbook, but they can also explore robust interactive digital resources embedded within each lesson. There is audio support for the text and Lesson Tutorial Videos in both English and Spanish. Interactive investigations, direct links to remediation, and additional resources are linked right to the lesson.



## Dynamic Investigations

Dynamic Investigations in the **Big Ideas Math** program are powered by Desmos® and GeoGebra®. Teachers and students can integrate these investigations into their discovery learning to interact with the Explorations in the Student Edition.

## Real-Life STEM Videos

Science - Technology - Engineering - Mathematics

Every chapter in the **Big Ideas Math** program contains a Real-Life STEM Video allowing students to further engage with mathematical concepts. Students learn about the speed of light, natural disasters, solar power, and more!

