



# Make Math **Relevant, Rigorous,** and **Possible** for Every Student

You have a passion for teaching mathematics.

We have the comprehensive resources needed to teach mathematics with confidence and transfer your passion to your students.

**Glencoe Math provides solutions to support:**

- ▶ Lesson planning
- ▶ Teaching state standards
- ▶ Differentiated Instruction
- ▶ Next generation assessments

In order for *Glencoe Math* to successfully meet *your* expectations, it had to exceed *ours*—ensuring it was rigorous, relevant, and produced real results.

## Rigor

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### **Built-In and Supported throughout the Program**

The three components of rigor—conceptual understanding, application, and procedural skill and fluency—are embedded so aligned resources, lessons and even practice assessments are all at your fingertips.

## Relevance

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### **Math in Context So Students See How Math Matters**

*Glencoe Math* makes math real for students. Thousands of digital planning tools and interactive resources are available online in one, easy-to-use portal, ConnectED. Use them as-is or make them your own to spark student thinking.

## Results

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### **Proficiency for All Students Is the Goal**

Meet students wherever they are in their learning. Assessments help you determine proficiency before, during and after lessons. Differentiated instruction resources ensure approaching-level students master concepts before moving on, while beyond-level students are continually challenged.

# Glencoe Math Empowers You to **Teach** Math Standards, **Engage** Every Student, and **Develop** a Classroom of Critical Thinkers

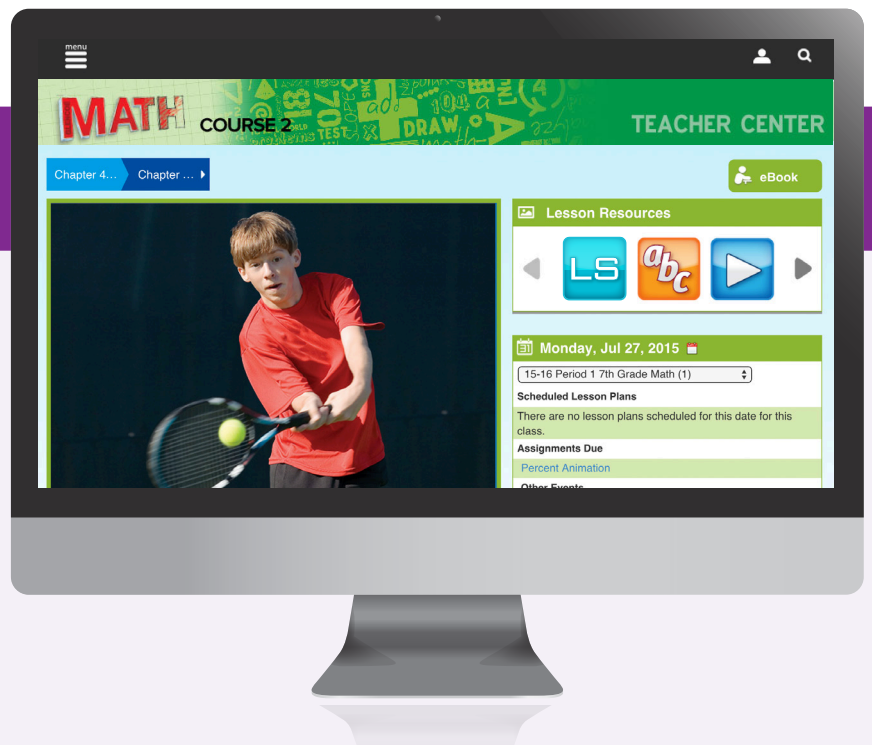
With the State Standards at your fingertips in *Glencoe Math*, lessons are ready to roll out or customize to your teaching style, giving you the support needed to concentrate on teaching and truly engage your students.

Captivate your students with everything the world of math has to offer while teaching them the vital skills necessary to become mathematically proficient and excel on the next generation assessments.

## Getting Started with ConnectED

Connect to your eBook and all your online resources through ConnectED. Log on: [ConnectED.McGraw-Hill.com](http://ConnectED.McGraw-Hill.com)

- ▶ Comprehensive resources containing everything you need to teach your class.
- ▶ Accessible anywhere, from any computer, at any time.
- ▶ Use your device via ConnectED Mobile available from your App Store.



*Glencoe Math* was thoughtfully developed with features to help your middle school students stay organized. In the interactive student edition, students take ownership of their learning experience while taking lesson notes and completing homework right at point of use in both the print and digital versions. The printed student editions are three-hole-punched, have perforated pages, are color coded, and have so much more to keep students on the right track.

**Move easily and freely between print and digital, no matter how your classroom uses technology.**

Wherever you are in the digital transition, *Glencoe Math* is there with you, offering the perfect blend of print and digital to fit into all your classroom needs. ConnectED is your platform for all digital resources accessible from school or home.

# SIMPLIFY DIFFERENTIATED INSTRUCTION WITH ALEKS

## Say Hello to ALEKS

ALEKS is an online assessment and learning resource for grades 3-12. Using adaptive questioning, ALEKS precisely identifies what a student knows and doesn't know within a course. Through personalized instruction on the exact topics each student is most ready to learn, ALEKS effectively targets knowledge gaps while enabling immediate success in mastering new material.

- ▶ Research-Based Program, Derived from Learning Space Theory
- ▶ Standards-Based Instruction for the Your State Standards
- ▶ Dynamic Data at the Student, Class, School, and District Levels
- ▶ Flexible Implementation – Core, Supplement, and Intervention

# ALEKS®

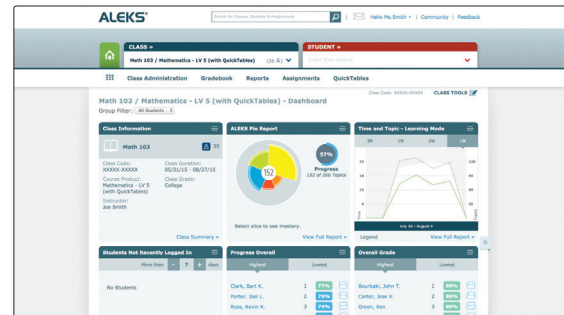
Begin a Free Trial Today  
[aleks.com/free\\_trial/instructor](https://aleks.com/free_trial/instructor)

## Explore ALEKS in Two Ways



### ALEKS as a Student:

See what makes ALEKS unique, from its adaptive knowledge checks and free response environment to its personalized instruction on Ready to Learn Topics.



### ALEKS as a Teacher:

Look at the reports and course management tools that are available to help you effectively monitor student progress and further differentiate instruction.

View ALEKS Courses: [aleks.com/k12/course\\_products](https://aleks.com/k12/course_products)

Learn More: [aleks.com/k12](https://aleks.com/k12)

# Apps, Games, and Much More to **Get Students Excited to Learn**

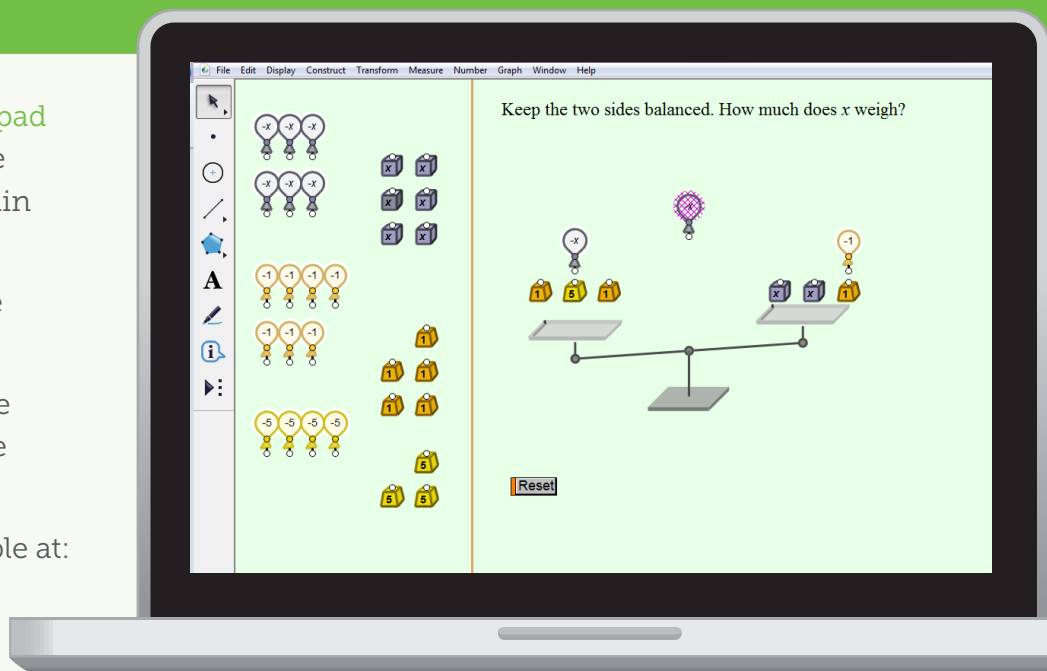
Encouraging critical thinking, creativity and practice, the interactive student edition gives students ownership of their learning with their very own write-in textbooks. Digital resources, like **The Geometer's Sketchpad™**, help you illustrate mathematical ideas in a tangible, visual way that increases student engagement, understanding, and achievement.



## Getting Started with Sketchpad

Connect to the power of **Sketchpad** by bringing math concepts alive with point-of-use sketches within ConnectED.

- ▶ Embedded activities available from the eBook
- ▶ Presentation sketches provide detailed notes for in-class use
- ▶ Downloadable software for full product access available at: [MHEOnline.com/Sketchpad](http://MHEOnline.com/Sketchpad)



In addition to **The Geometer's Sketchpad**, there are many other digital resources available including:

- ▶ **Step-by-Step Examples** allow you to walk through each solution of every example in the Student Edition.
- ▶ **Online Personal Tutors and Animations** provide visual support of math concepts.
- ▶ **Virtual Manipulatives** provide a visual approach to math without the classroom cleanup.
- ▶ **Inquiry Labs** promote collaboration, conceptual understanding, and critical thinking.
- ▶ **Real-World Applications** allow students to understand the everyday relevance of math.
- ▶ **21st Century Careers** highlight the math skills needed to ensure real-world success.
- ▶ **Small Group Activities** provide suggestions for collaborative learning to help you differentiate your instruction.

# Tools to Prepare for Success on Next-Gen Assessments

The state assessments require deeper understanding, greater critical-thinking, and richer problem-solving skills. With the performance tasks, technology enhanced questions, and writing practice provided in *Glencoe Math's eAssessment*, your students will be properly prepared to face the types of questions on these assessments and excel in the online testing environment.

Plus, Standards Practice, Benchmark Tests, and Quick Checks provide additional support and assess student retention along the way, instilling further confidence in your students.

## Getting Started with eAssessment

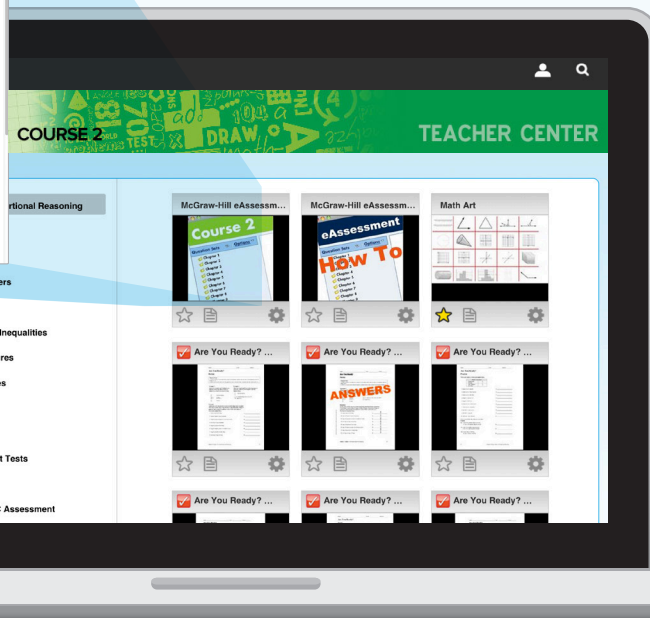
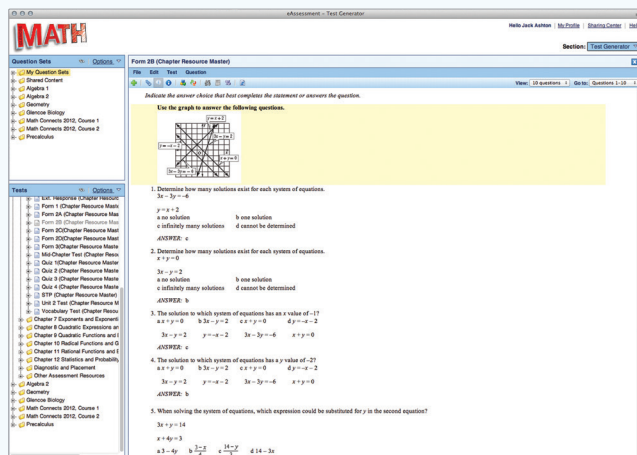
Make assignments, deploy pre-made assessments, or create your own tests with tech-enhanced questions and ready-made graphics.

Log on: [ConnectED.McGraw-Hill.com](http://ConnectED.McGraw-Hill.com)

- ▶ Select Menu.
- ▶ Select Assessment from Menu.
- ▶ Use eAssessment "How To" for step-by-step videos.

OR

- ▶ Select your chapter and lesson for pre-made assessments.



# Practical Professional Development

## Where and When You Need It

The right tools make all the difference in getting your work done efficiently.

Seamlessly embedded digital resources and the convenient print materials of *Glencoe Math* gives you everything you need to make math relevant, rigorous, and possible for every student.

Designed on the five principles of effective professional development, *Glencoe Math* PD includes moderated courses, professional learning community kits, on-demand PD, and program support.

### Get Started

Online, self-paced support designed to get teachers and administrators up and running fast with *Glencoe Math*.

### Learn More

Online moderated courses designed to help teachers connect professional learning to the classroom.

### Watch It

Videos from Dinah Zike and STEM teachers and students support great instruction in the classroom.



Teach with Confidence.  
Teach with *Glencoe Math*.



Ready to learn more? Call 800-334-7344 or [MHEonline.com/glencoe math](http://MHEonline.com/glencoe math).

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