McGraw Hill Education

GLACOE

MATH

BUILT TO THE COMMON CORE

Teach Common Core Math
Engage Every Student
Develop a Class of Critical Thinkers

MHEonline.com/GlencoeMath
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 to the CCSS
- 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**

**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 Common Core assessments are at your fingertips.

**Relevance**

**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**

**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 Common Core Math, Engage Every Student, and Develop a Classroom of Critical Thinkers

With the Common Core 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

- 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 through Adaptive Learning

Knowing what each of your students is ready to learn right now and then providing targeted instruction on those topics can be a challenge.

*Glencoe Math powered with ALEKS* meets the challenge.

Using a combination of research-based, open-response questioning, ALEKS, the adaptive, online learning resource pinpoints student progress and delivers a personalized learning path.

Getting Started with ALEKS

Connect to the power of ALEKS directly from ConnectED.

- Assign ALEKS as a resource to your students.
- Students take the pre-assessment to identify which topics they have mastered and which they are ready to learn.
- Monitor student and class progress from the ALEKS dashboard to assist in preparation for classroom instructions.

Personalized, Adaptive, Ready to Learn

ALEKS adapts to each student’s level by delivering periodic assessments that continuously determine what each student is most ready to learn. Challenging students while keeping them fully engaged, this adaptive resource guides students on their personalized learning path, eliminating frustration and boredom.

Instructionally Actionable Data

Empower educators by providing real-time data directly. Effortlessly incorporate instructionally actionable data into the classroom with customizable reports on student progress, mastery, and time-on-task.
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 are available from the eBook.
- Presentation sketches provide detailed notes for in-class use.
- Downloadable software for full product access is available at: MHEonline.com/Sketchpad.

In addition to ALEKS and *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 the Next-Generation Assessments

The Common Core 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, Common Core 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 the Assess tab.
- Select McGraw-Hill eAssessment.
- 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 give 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.