GLENCOE MATH
ACCELERATED
A PRE-ALGEBRA PROGRAM
PROGRAM OVERVIEW
Success Your Way

McGraw Hill Education
MHEonline.com/glencoemath
Glencoe Math Accelerated is a robust toolkit designed to support your unique teaching style, your ideas, and the needs of your students. Your imagination, creativity and expertise fuel Glencoe Math Accelerated. It’s about teaching math, your way.

Your students will interact with math like never before. Glencoe Math Accelerated makes it easy to motivate students, teach the Accelerated 7th Grade Common Core State Standards, and incorporate the latest technology.
Glencoe Math Accelerated... empowering you to teach your way.

**Plan Your Way**

Forget about filling a bag full of resources to take home every night. *Glencoe Math Accelerated* has everything you need to plan your next day, week, or month of instruction with our one, easy-to-use portal, ConnectED! It’s all in one place at point of use.

Once you’ve planned online, the *Teacher Walkaround Edition* contains the essentials you need for classroom instruction, including pages from the Interactive Study Guide.

**Teach Your Way**

*Glencoe Math Accelerated* has the best of both worlds—an engaging Interactive Study Guide that appeals to your middle school students and keeps them organized and an accelerated Student Edition that prepares them for the rigor of algebra. What fun it will be to see your students understand the concepts and get excited about learning!

**Assess Your Way**

Whether you are creating leveled homework worksheets or preparing a chapter test, *Glencoe Math Accelerated* provides the flexibility to use the prepared templates or create your own.
Plan Your Way

Every great lesson begins with a plan. Make lesson plans, presentations, and activities to fit with your teaching style and your students’ needs, easily and intuitively. You’re in control with Glencoe Math Accelerated, and everything is customizable.

• Online prepared lesson plans are built around the Common Core curriculum and can be differentiated to meet your students’ needs.

• Resources are located at point of use in your lesson plan, ready to project or print.

• Pre-made classroom presentations can be customized by adding your favorite resources to give the lesson your touch.

• Calendar feature allows for long-term planning.

• Forgot to tell your students something or need to remind them of an upcoming test? Send messages or make assignments to students through the online Teacher Center.
Glencoe Math Accelerated... empowering you to plan your way.

Differentiated Instruction Planning

- **Approaching Level, On Level, and Beyond Level** online activities and teaching suggestions are just one click away.
- **eSolutions** allows you to show full solutions to homework exercises and create differentiated worksheets, reviews, or daily quizzes from the exercises in the Student Edition.
- **Editable Leveled Worksheets** provide you with the flexibility to differentiate for each student’s needs.
- **Leveled Tests** in multiple forms allow you to assess your students your way.

Check it out!
Quick-Start Guide at MHEonline.com
Teach Your Way

Keep students on the edge of their seats with cool teaching tools:

- **Interactive Study Guide** that engages students in the lesson, helps them stay on task, and strengthens their note-taking skills
- **Interactive whiteboard lessons and games** that provide exciting ways to introduce new concepts
- Customizable, **interactive lesson presentations** that allow students to get involved in the daily lesson instruction and practice
  - Emphasis on mathematics **vocabulary**
  - **Step-by-Step Examples** allow you to walk through each solution of every example in the Student Edition
  - **Additional Examples** to go with each Student Edition example
- **Virtual manipulatives** that provide a visual approach to math without the classroom cleanup
The Teacher Walkaround Edition

- Lighter, smaller size to hold in your arm while walking around the classroom
- Contains the essentials for the classroom—Common Core State Standards, how to use the examples, suggested assignments, and answers to all the exercises
- Also contains pages from the Interactive Study Guide at point of use—with suggestions for incorporating it into your regular or flipped classroom

Glencoe Math Accelerated... empowering you to teach your way.

What to learn more?
Check out our correlations to the CCSS at MHEonline.com
Keep in touch with your students' progress
with choices for diagnostic, formative, and summative assessment.
• **Assessment Masters** include options for diagnostic, mid-chapter, end-of-chapter, and quarterly assessments.
• **Common Core Quick Check** assesses student retention of the previous lesson’s concepts.
• **eAssessment** is McGraw-Hill’s online assessment tool to create your own tests, quizzes, and worksheets.
• **eSolutions** lets you provide complete solutions or answer keys so students can check their own homework and extra practice.

• **Editable Leveled Worksheets** for post-assessment practice, can be differentiated for your students' needs. Options include:
  ° Reteach
  ° Skills Practice
  ° Homework Practice
  ° Problem-Solving Practice
Adding and Subtracting Unlike Fractions

Lesson 3-6

Getting Started
Scan Lesson 3-6 in your textbook. List two real-world scenarios in which you would solve a problem by adding or subtracting fractions with different denominators.

Quick Review
Find the least common multiple of each set of numbers.

4, 10
5, 7
3, 12

Climate
The Sahara Desert is one of the driest places in the world, receiving only a couple inches of rainfall each year! The total amount of rainfall for three months is shown in the table.

<table>
<thead>
<tr>
<th>Month</th>
<th>Rainfall (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>3/4</td>
</tr>
<tr>
<td>April</td>
<td>1/8</td>
</tr>
<tr>
<td>November</td>
<td>1/2</td>
</tr>
</tbody>
</table>

1. What is the least common multiple of 4, 8, and 2?

2. Write equivalent fractions for 3/4 and 1/2 that have denominators equal to the least common multiple.

3. Use the number line to find the total rainfall in the Sahara Desert for January, April, and November.

So, the total rainfall for the three months was

Encourage Student Self-Assessment
• **Got It?** gives an exercise to try after each example to see if students understand the concept taught.
• **Guided Practice** lets students try a few exercises before doing an assignment on their own.
• **Rate Yourself** in the Interactive Study Guide allows students to assess themselves on how well they comprehend the lesson.
• **Self-Check Quizzes** give students immediate feedback on how well they answer the questions.
• **Selected Answers** enable students to evaluate whether they are completing exercises accurately.
• **eHelp Solutions** gives complete step-by-step solutions for selected exercises.

Questions?
Contact your local sales representative or locate your rep at MHEonline.com/salesrep
Your Students, Their Way

Glencoe Math Accelerated empowers each student to make math class a time that’s just about them and allows them to take ownership of their own learning journey into algebra.

Look...I'm learning about algebra!

Oh...now I get it!
Students Learn Their Way
Students learn by doing. You know every student has his or her own unique way of learning. The interactive Student Edition encourages students to take ownership of their learning. Every lesson becomes a study guide.

Students Learn in Their World
Young people are spending their time outside of the classroom learning and playing with online games, videos, and apps. So why not harness the power of these digital tools to help them learn and love math?

Glencoe Math Accelerated...
empowering students to learn their way.
Your students will be well prepared for their learning journey into algebra and beyond... starting with their Student Edition.

- **Inquiry Labs** promote collaboration and critical thinking.
- Lesson design highlights **Key Concepts** and **Vocabulary**.
- **Essential Question** keeps students focused on the big idea of the unit and chapter.
- **Customizable homework** meets individual needs.
- **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.
Getting Students Organized

In middle school, students go through many changes. Establishing strong study and organizational skills are foundations for success in algebra, high school, and beyond. Glencoe Math Accelerated makes the transition easy with the Interactive Study Guide.

- **Note-taking guide** for each lesson engages students as they write and record in their books.
- **Foldable®** included for every chapter provides a ready-made study organizer for key math concepts.
- **Vocabulary Activities, Reviews, and Start-ups** build verbal skills as well as computational skills.
- A **Rate Yourself** feature allows students to assess themselves on how well they are doing.
- **Are you Ready?** and **Mid-Chapter Check** provide formative assessment options.
- The **Reflect graphic organizer** helps students summarize what they learned in the chapter.
- **3-hole punched** Interactive Study Guide fits into their class binder.
Your Students Learn
in Their World

Glencoe Math Accelerated empowers you to engage your students on their terms with resources that are familiar to them.

- **Apps** provide 24/7 review of math concepts, anywhere, anytime.
- **Online Personal Tutors** and **Animations** provide visual support of math concepts.
- **Interactive resources** offer math practice and review in ways that relate to today’s digital natives.
- Students receive **messages** and **assignments** from you.
- **STEM Projects** foster collaboration via social networking and Internet use.
Glencoe Math Accelerated... empowering you to support them your way.

At-Home Support

Learning doesn’t stop when students leave the classroom. From video tutorials and animations to apps and games, parents will be able to support the learning process in their own ways.

• **Student Center** lets students and parents see messages and assignments.
• **Games** and **apps** combine fun with math vocabulary and concept review, anywhere, anytime.
• **Personal Tutors** reteach the concept when you aren’t there to help.
• **eHelp** provides solutions to selected exercises.

Engage your students!

Check out the new Glencoe Math Apps at MHEonline.com/apps