



OKLAHOMA
MATH
ACCELERATED
A PRE-ALGEBRA PROGRAM



Teach Math Standards
Engage Every Student
Develop a Class of Critical Thinkers



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

The robust *Oklahoma Glencoe Math Accelerated* solution supports your unique teaching style, your ideas, and your students' needs so you can engage them while developing a classroom of 21st Century critical thinkers.

Your students will interact with math like never before. *Oklahoma Glencoe Math Accelerated* makes it easy to motivate students, teach the Oklahoma Academic Standards, and incorporate the latest technology.

***Oklahoma Glencoe Math Accelerated* provides solutions to support:**

- ▶ Lesson planning
- ▶ Teaching Oklahoma Academic Standards
- ▶ Differentiated instruction
- ▶ Next generation assessments

In order for *Oklahoma Glencoe Math Accelerated* 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

There are three components of rigor: conceptual understanding, application, and procedural skill and fluency. These are embedded in the program, so it is just as integral as the aligned resources, lessons and practice assessments — which are all at your fingertips.

Relevance

Math in Context So Students See Why Math Matters

Oklahoma Glencoe Math Accelerated makes math real for students. Thousands of digital planning tools and interactive resources are available online in one, easy-to-use portal called 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 student 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.

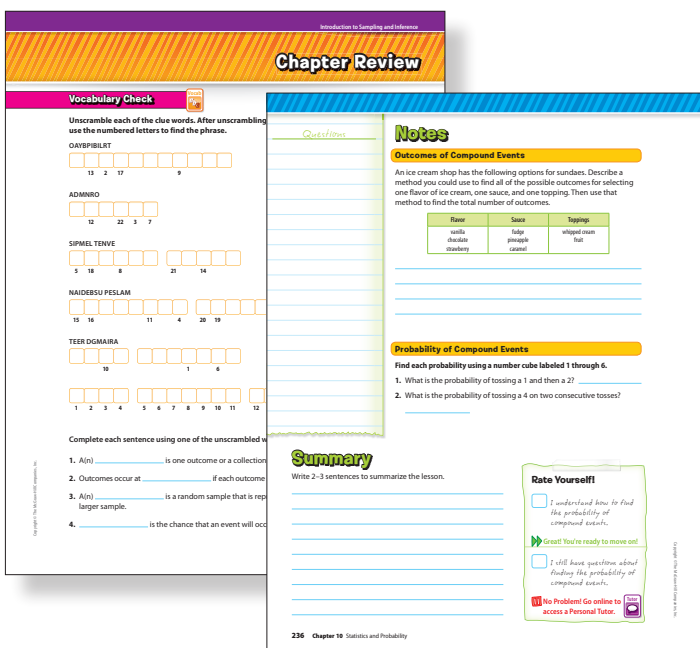
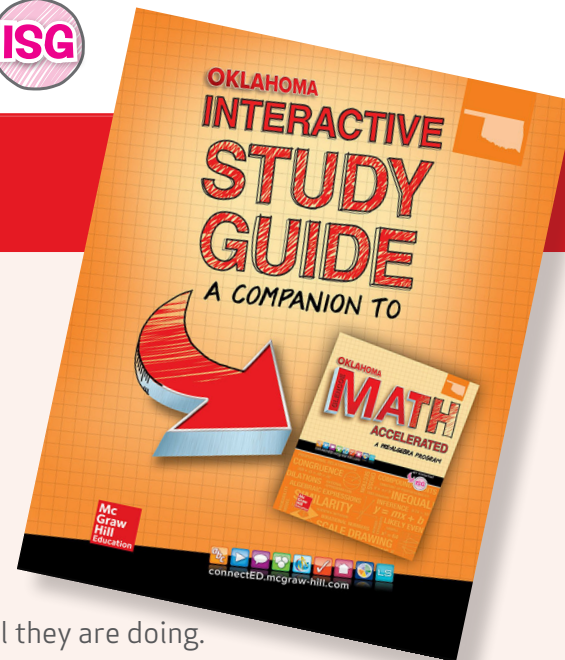
Interactive Study Guide

Oklahoma Glencoe Math Accelerated's unique hybrid approach has been designed to seamlessly integrate engagement and technology into all portions of the program. The Interactive Study Guide assists students with learning and organization, and personalizes the learning experience for every student. Establishing strong study and organizational skills are foundations for success in algebra, high school, and beyond. Oklahoma Glencoe Math Accelerated makes the transition easy with the Interactive Study Guide.



Included in the Interactive Study Guide

- ▶ Note-Taking Guide for each lesson engages students as they write and record in their books.
- ▶ Foldables® included for every chapter provide ready-made study organizers for key math concepts.
- ▶ Vocabulary Activities, Reviews, and Start-Ups build verbal skills and computational skills.
- ▶ Rate Yourself features allow students to assess themselves on how well they are doing.
- ▶ Are you Ready? and Mid-Chapter Check provide formative assessment options.
- ▶ Reflect Graphic Organizer helps students summarize what they learned in the chapter.
- ▶ 3-hole punched Interactive Study Guide fits into their students' 3-hole class binders.



The interactive write-in-text allows each student to take ownership of their work. Students can easily put these into their 3-ring binders to keep them organized and task oriented.

Teach Math Standards, Engage Every Student, and Develop a Classroom of Critical Thinkers

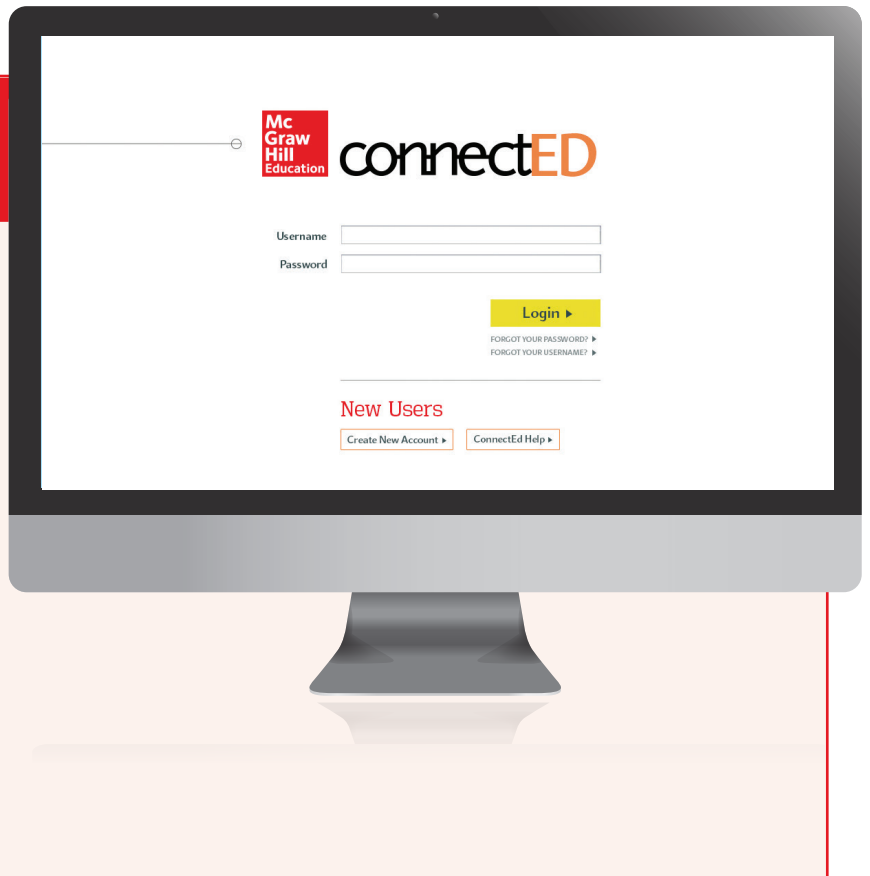
Oklahoma Glencoe Math Accelerated puts the standards at your fingertips, so lessons are ready to roll out or customize to your teaching style, giving you the support needed to concentrate on teaching and truly engage your students.

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. Once you have received your user name and password, log on to 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.



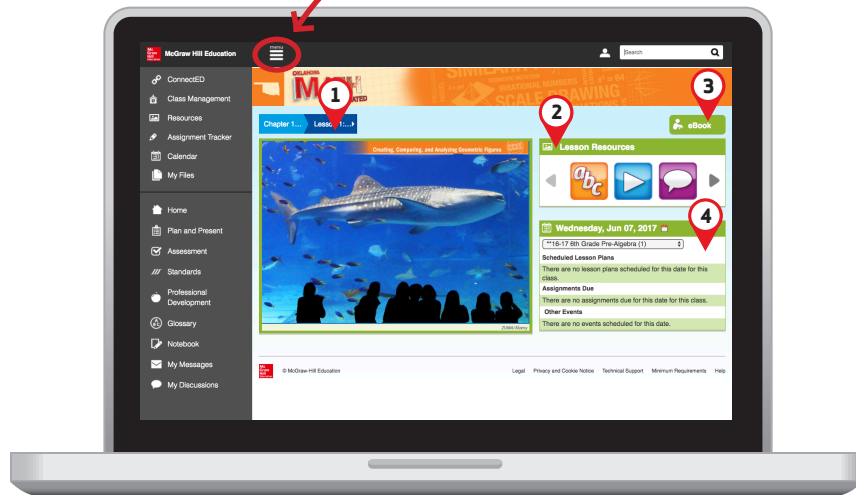
Move easily and freely between print and digital, no matter how your classroom uses technology.

Wherever you are in the digital transition, Oklahoma Glencoe Math Accelerated 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.

Teacher Center

Your digital headquarters for all classroom planning, presenting, and instruction.

Click on the **menu** to get to your lesson plans, calendar, messages and more.



- 1 Select**
your chapter and lesson in the drop down.
- 2 Browse**
lesson-specific resources that are coordinated to each chapter and lesson
- 3 Click**
eBook to open your annotated student edition
- 4 Preview**
today's planning dashboard

Plan and Present

A planning tool that is easy to use! ConnectED supports personal teaching and learning with robust tools to help you plan efficiently and effectively for your classroom success.

Choose a lesson plan

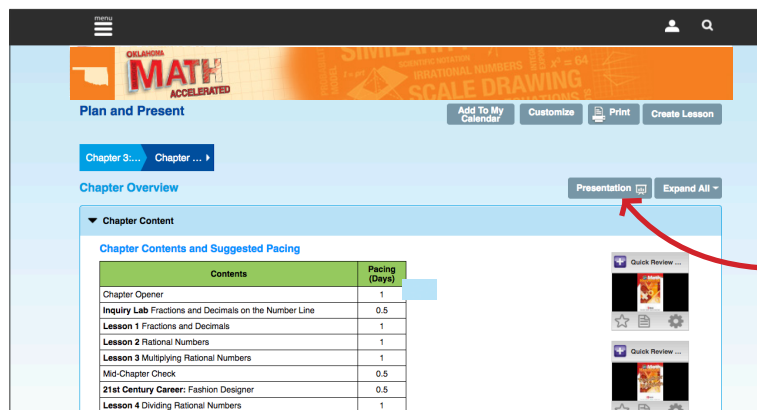
Select your chapter and lesson to view instructional plans.

OR

Create a customized lesson with easy-to-use editing tools.

Presentation

Use pre-made lesson presentations and real-world applications. Customize by adding, editing, or rearranging existing presentations to fit your instruction style.



Class Management & Assignment Tracker

Assignment planning is easier than ever with these digital planning tools. Create new projects, edit class lists, and print your schedule with a mere click, tap or swipe.

Create assignments

for the whole class or customize for individual students.

Add due dates

for assignments and projects.

Collaborate & Communicate

by sending messages and reminders to students and parents. Start supervised discussions with whole classes or groups of students.

Tools to Prepare for Success for the Next-Generation Assessments

The Oklahoma School Testing Program (OSTP) requires deeper understanding, greater critical-thinking, and richer problem-solving skills. With the performance tasks, technology enhanced questions, and writing practice provided in *Oklahoma Glencoe Math Accelerated's eAssessment*, your students will be properly prepared to face the types of questions included 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 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

- ▶ Select Menu.
 - ▶ Select the Assessment from the side menu.
 - ▶ Select McGraw-Hill eAssessment.
 - ▶ Use eAssessment "How-To" for step-by-step videos.
- OR
- ▶ Select your chapter and lesson for pre-made assessment.

Section: Test Generator

Are You Ready? Apply (Assessment Masters)

Indicate the answer choice that best completes the statement or answers the question.

1. LaToya went to the school dance. She paid \$3.50 for admission and \$1.35 for a bottled water. How much did she spend in all?

a. \$4.85
b. \$2.15
c. \$3.85
d. \$4.75

ANSWER: a

2. A student spent \$5.65 for a pennant, flag, and button. The student paid with a \$10 bill. How much change did she receive?

a. \$5.65
b. \$4.35
c. \$4.45
d. \$15.65

ANSWER: b

3. The table shows the amount of rainfall recorded in a city the past three months.

Month	Rainfall (in.)
March	2.54
April	5.32
May	4.21

How much more rainfall was recorded in May than March?

Chapter 12: Volume and Surface

Lesson 1: Circles and Circumference

Results

Results Per Page: 12

Page 1 of 4

1 2 3 4

Circumference an... Find the Circumfe... Find the Circumfe...

Solve Problems U... Use the Diameter... Use the Radius to...

A Complete, Digital Learning Solution for Math



ALEKS®

ALEKS is an online assessment and learning program for grades 6-12. 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 materials.

Begin a free trial today: aleks.com/free_trial/instructor

Say Hello to ALEKS

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

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

Learn More: 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.

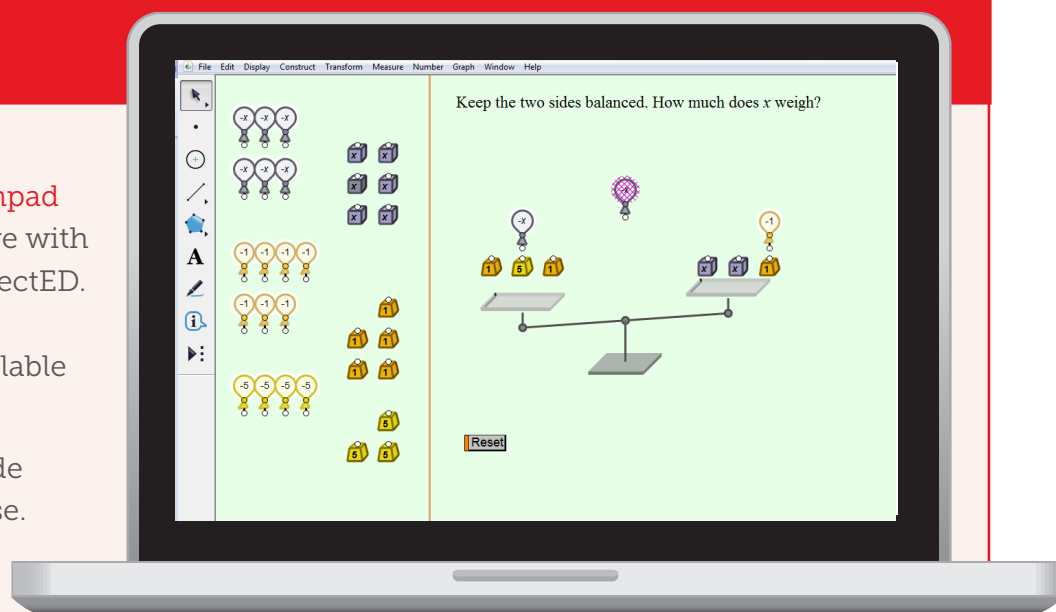
Digital resources, like **The Geometer's Sketchpad**®, help you illustrate mathematical ideas in a tangible, visual way that increases student engagement, understanding, and achievement.



Getting Started with Sketchpad

Connect to the power of **Sketchpad** by bringing math concepts alive with point-of-use sketches in 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:

- ▶ **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.

Student Center

The Student Center engages students with intuitive digital resources. The dashboard provides easy navigation through the organized quick reference and simple access to resources for both students and parents. Assignments from the teacher show up on the Student Dashboard to increase the communication and engagement within the classroom.

- 1 If you need to add an online book and have received a code from your teacher, click the Add button.
- 2 Click on the subject cover to access the Student Center.
- 3 Select your chapter and lesson in the drop down.
- 4 Resources are dynamic to the chapter and lesson selected.
- 5 Clicking the eBook will open your online Student Edition.
- 6 This area will show your homework assignments.

connectED

Welcome, Math Student | Home | Log Out

Books and Content Add

Glencoe Math Accelerated 2014

National Glencoe Math, Course 1, © 2015

MATH ACCELERATED A HIGH-LEVEL PROGRAM

MATH COURSE 1 VOLUME 1

Chapter 1... Lesson 1:...

Introduction to Sampling and Inference

Lesson Resources

Homework

You have no assignments at this time.

McGraw Hill Education

menu

ConnectED

Resources

Homework

Home

Standards

Glossary

Notebook

My Messages

My Discussions

Click on the menu to get to your glossary, notebook, and messages

eBook at your fingertips

Access ConnectED on your computer or favorite mobile device using the free mobile app, available from your app store.

The eBook is one click away. Students will be engaged in this interactive learning experience with assets linked directly to lessons. They can add a sticky note directly to the online eBook, and even highlight terms or items that they may need to study.



Vocab
Find activities for building vocabulary.



Watch
Watch animations and videos.



Tutor
See a teacher illustrate examples and problems.



Tools
Explore concepts with virtual manipulatives.



Professional Development
Program support and research-based professional development.



The Geometer's Sketchpad®
Illustrate concepts in a tangible, visible way.



Check
Self-assess your progress.



eHelp
Get targeted homework help.



LearnSmart®
Topic based online Assessment.



Worksheets
Access practice worksheets.

Professional Development has Support Every Step of the Way

Getting Started

Administrator Support

Here you will find step-by-step guides, teacher checklists, and a space to collaborate with fellow Glencoe Math administrators.

Quick-Start

Videos, how-to guides, and discussion boards to help you get your class up and running in no time!

Implementation Course

A deeper dive into all program aspects including planning tools, data collecting, and reporting while also focusing on pedagogy and standards.

Ongoing Support

Sketchpad

Accelerate learning with The Geometer's Sketchpad®. Interactive online assistance is available to help you learn to quickly optimize this **dynamic visualization software** today.

Choose from:

- Sketchpad Resource and Learning Centers
- Getting Started Tutorials & Quick Tips
- Sketchpad Sketch Exchange
- Sample Activities Library

ALEKS®

On-demand, embedded support for ALEKS® shows you how to maximize its artificial intelligence, reporting features, and help your students' math mastery progress. Use these resources at point-of-use through the ConnectED Teacher Center dashboard.

Video Libraries

Free of cost and available on-demand, **Video Libraries** feature master teachers, authors, and math experts sharing their content knowledge and pedagogical style.

Webinars

Learn from expert authors and educators with **On-Demand Webinars** available to you free of cost.

White Papers

Researched and written by industry experts, **White Papers** help educators learn more about engaging students, differentiating instruction, preparing students for STEM careers, and much more.

Never stop learning... Mastery Courses

Fostering Meaningful Student Engagement for middle school Oklahoma Glencoe Math teachers looking for ways to increase student engagement and hands-on learning.

Increasing Rigor in the Math Classroom gives a deeper understanding of rigor as a pedagogical concept to Oklahoma Glencoe Math middle school teachers.

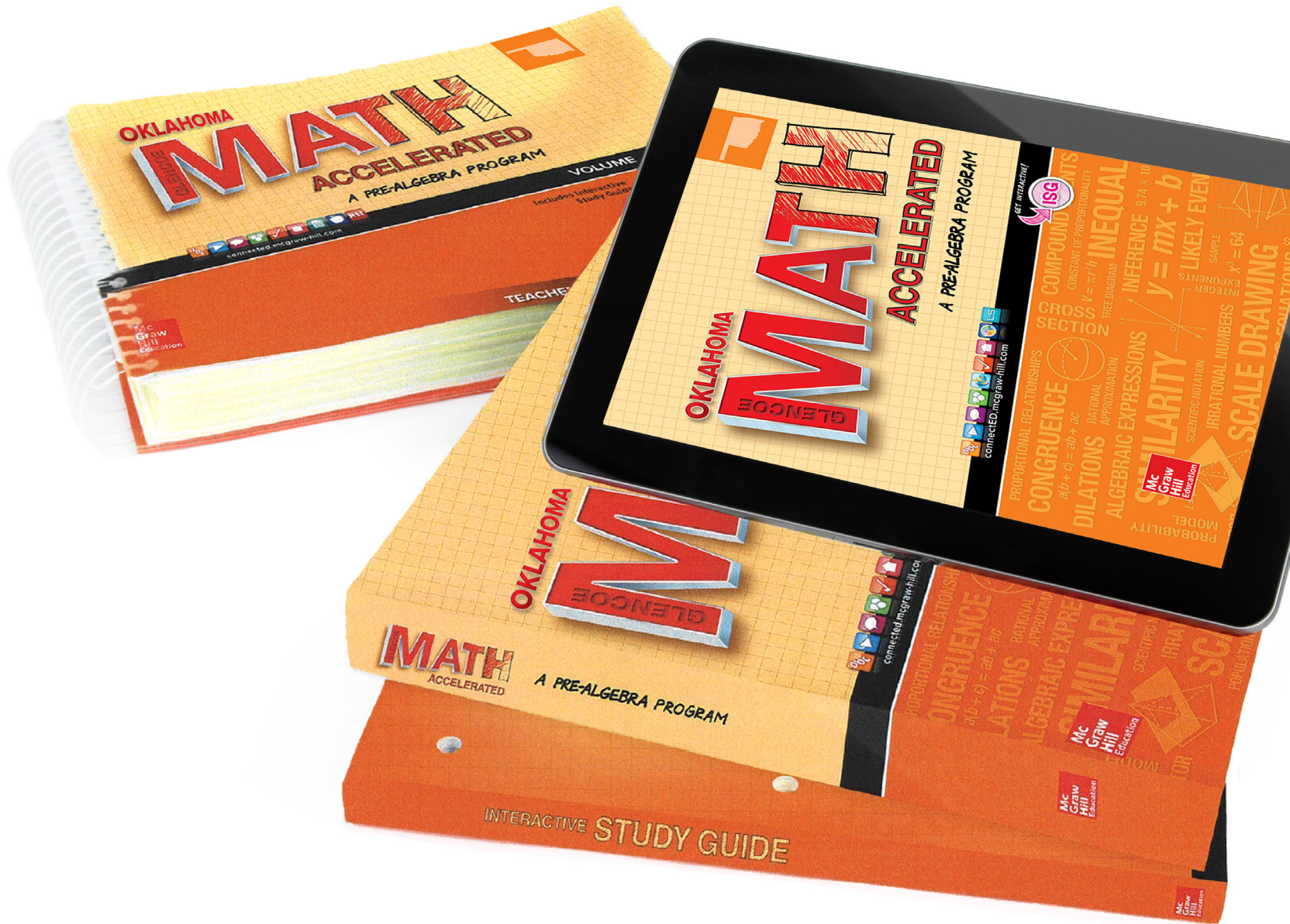
Teaching Middle School Math with Sketchpad provides educators an in-depth understanding of Sketchpad.

Teaching Algebra with Sketchpad illustrates how to incorporate Sketchpad into any algebra classroom.

Teaching Geometry with Sketchpad for middle school mathematics teachers looking for beneficial ways to incorporate Sketchpad Dynamic Geometry® into their geometry classroom.



Teach with Confidence. Teach with
Oklahoma Glencoe Math Accelerated.



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