The ongoing process of learning math helps students become better problem solvers. Because math is about more than problems and answers—it’s about being better prepared for the real world. By focusing on the critical thinking needed to understand mathematics, teachers are giving students an even brighter future. At McGraw-Hill Education, we’re teachers and parents, too. And we’ve created the products, support, and partnership educators need to help students at any level of math proficiency.

The practical application of math is necessary for nearly all of life’s endeavors, big and small. That’s why we create products that do more than produce results in the classroom—they prepare students for the real world. We’ll help you show students their futures are even brighter when they succeed in math.

From making change at the grocer to making change in the community

No matter how proficient your students currently are in math, you can help them become better with the help of McGraw-Hill Education. We’ve carefully considered all levels of numeracy and created rich, meaningful learning experiences that will produce results and show them how math impacts everything they do.

A solution for every student

We have two important goals: create math products that we’d want to use with our students and children, and be the kind of partners that inspire trust and confidence. Because for your students, it’s about more than just math—it’s about being prepared for a fulfilling and meaningful career.

We’re teachers and parents, too

To learn more, visit: mheducation.com/k12math
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Customizable to fit your teaching style, *McGraw-Hill My Math* challenges and engages your students as they build their skills to communicate mathematically.

**CHALLENGE AND ENGAGE YOUR STUDENTS**

Discover engaging content that enriches your students’ ability to think critically, analyze and interpret information, and simplify even the most complicated problems.

**CUSTOMIZE TO YOUR TEACHING STYLE**

From data-driven suggestions for individualized instruction to remediation and enrichment support, our customizable lessons allow students to better engage with the curriculum, while teaching your way.

**COMMUNICATE USING MATHEMATICAL LANGUAGE**

By fostering the development of mathematical language, *McGraw-Hill My Math* is designed to prepare and empower students to deepen their understanding of math and its real-world applications.

*McGraw-Hill My Math* was built on a foundation of best practices, an *Understanding by Design*® (UbD) model, and big ideas.

*Understanding by Design* is a research-proven approach to learning that identifies the desired outcome first and tailors learning to meet the objective. McGraw-Hill Education’s K-12 Math authorship team used this framework as a foundation to build conceptual understanding, key areas of focus, and a connection to prior and future concepts and skills.

*McGraw-Hill My Math* offers teachers a balanced approach, with strengths in vocabulary development through customizable, modular content.
ASSESSMENT PREPARATION

*McGraw-Hill My Math* provides the assessment practice students need to approach rigorous assessments with confidence. With questions and activities modeled after PARCC and Smarter Balanced questions, students will have the experience needed to perform when it counts.

- Technology-enhanced questions
- Robust classroom and administrator reports
- Chapter level multi-step performance tasks
- 20-week countdown to the test

DIFFERENTIATED INSTRUCTION

Three levels of differentiated instruction exist at every lesson in the teacher edition for Response to Intervention (RtI) Tiers 1 and 2 and challenges to Extend and Enrich for Beyond Level students.

MATH & LITERACY CONNECTIONS

The Real-World Problem Solving Readers offer all learners the chance to access the text at three reading levels and problem solve with math in real-world situations.

BUILDING ENGLISH LANGUAGE SKILLS

Three levels of differentiation for English Language Learners are at every lesson. The Interactive Guide for English Learners offers additional scaffolded strategies so that all learners can better understand the language of mathematics.

To learn more, visit: mhmymath.com
Decades of research shows that true, enduring depth of knowledge requires repeated exposure to key ideas in different contexts over time.

This is how children learn. It’s at the heart of *Everyday Mathematics*® and has been for over 30 years.

**RESEARCH-BASED**

*Everyday Mathematics* is developed by math educators at the University of Chicago School Mathematics Project. This group is dedicated to providing teachers high quality resources that help children learn mathematics using a research-based approach.

**RESEARCH-PROVEN**

The curriculum has been scrutinized by more researchers than any other elementary math program, a fact that has been verified by a study of the National Academy of Sciences. In addition, studies led by third-party researchers including the Northwestern University Longitudinal Study and The Tri-State Achievement Study have consistently shown that *Everyday Mathematics* is the most effective math program for elementary students.

**A COMMITMENT TO ITERATIVE IMPROVEMENT**

Over 2,000 students across the country participated in field testing *Everyday Mathematics 4* lessons. Field testing provides invaluable data that the authors use to assess their work. Revisions are made based on the empirical findings of this research and then re-tested. This iterative development process, which is unique to *Everyday Mathematics*, helps ensure that every lesson supports how children learn and that the lessons work in actual classrooms.
ENGINEERED FOR LEARNING

We’ve engineered *Everyday Mathematics* to ensure that your children’s learning focuses on the major work of each grade. Every component of the program is designed to help you guide them from foundational work to mastery, providing a deep and enduring understanding of key concepts and skills.

INDUSTRY-LEADING PROFESSIONAL DEVELOPMENT

McGraw-Hill Education maintains a cadre of hundreds of experienced teacher trainers that lead personalized trainings across the country. In addition, teachers are provided customized digital training, access to the University of Chicago’s Virtual Learning Community, and a wealth of point-of-use support. These resources empower teachers using *Everyday Mathematics* to develop effective math instruction in their classrooms.

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**PLAN FOR MASTERY**

Mastery expectation statements help you clearly see what your students should know at each point in the year.

**ASSESS DAILY**

Assessment Check-Ins for every lesson help you be confident your students are progressing toward mastery every day.

**EVALUATE EASILY**

Easily evaluate your students’ work and record your observations to monitor their progress every day.

**DIFFERENTIATE APPROPRIATELY**

Each lesson includes resources for readiness, enrichment, and extra practice, as well as support for English Language Learners.

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To learn more, visit: everydaymath.com
REMARKABLE STUDENT SUCCESS
An independent study finds that Stanford’s digital K-6 mathematics programs significantly accelerate achievement for students of all levels through the following results:

- Improved student performance on standardized state tests, across all demographic groups
- Personalized instruction based on each student’s needs
- Assistance for educators to identify who needs special attention

We are able to achieve these results though our web-based course, featuring a combination of multimedia instruction and automated assessments to provide students with a highly individualized, self-paced educational experience.

AN ADAPTIVE LEARNING MODEL FOR DIGITAL NATIVES

UNDERSTAND
Uses multiple instructional modalities to achieve deep understanding of math concepts.

APPLY
Facilitates the application of math through rigorous practice and advanced games

CREATE
Synthesizes math learnings to solve real-world projects using STEM tools
Design | Code | Simulate

To learn more, visit: redbirdlearning.com
ALEKS® is an innovative, personalized solution to learning math for grades 6–12. Powered by research-based adaptive technology, this online program delivers truly individualized instruction on what each student is most ready to learn.

PERSONALIZED AND PROVEN
The highly-differentiated approach to individual learning that ALEKS offers enables tremendous learning momentum and builds student confidence in math through:

- Unique adaptive technology
- Research-based foundation
- Accurate and adaptive assessments
- Ready-to-learn topic assignment w/ 97%+ accuracy

PROVEN ASSESSMENT
The ALEKS assessment helps provide a precise and comprehensive delineation of a student’s competence in a subject in the form of his or her knowledge state, which describes all the types of problems mastered by that student, as well as a comprehensive list of the topics the student is ready to learn.

DIFFERENTIATED INSTRUCTION
ALEKS provides a large amount of course instruction and plugs gaps in knowledge that may otherwise remain undetected or unaddressed.

REPORTING TOOLS
Real-time reporting and management tools allow educators to spend more time in small-group and one-on-one instruction with struggling students, focusing on topics the class is ready to learn. Track student progress toward mastering Common Core and state standards, facilitating a more effective learning and teaching experience.

To learn more, visit: aleks.com
**MATH PREVENTION AND INTERVENTION**

*Number Worlds®* is a highly-engaging, research-proven math intervention program designed to develop math proficiency through the use of hands on activities, engaging digital activities, and project-based learning. Used as Tier 2 or Tier 3 instructional supports, *Number Worlds* helps students achieve math success, and quickly, by targeting the most important standards and integrating regular progress monitoring and differentiation.

**A THREE-STEP APPROACH**

With *Number Worlds*, educators can effectively:

1. **PREPARE** students to meet rigorous standards with a proven curriculum
2. **ENGAGE** students with projects, games, activities, and digital resources
3. **ASSESS** student achievement with dynamic, digital assessment, and reporting

To learn more, visit: [mheonline.com/numberworlds](http://mheonline.com/numberworlds)

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**BUILDING MATH SUCCESS FOR EARLY LEARNERS**

*Building Blocks® PreK* helps early learners develop numeracy skills through active participation, hands-on manipulatives, and interactive digital games. The program embeds math experiences into daily activities, creating foundational knowledge that applies to later formal math concepts, mathematical thinking, and problem solving.

**A PROVEN METHOD**

*Building Blocks* is proven to help:

- Build children’s foundational math knowledge through carefully designed, developmentally appropriate lessons.
- Provide an extensively researched approach to teaching and learning mathematics.
- Offer a comprehensive set of resources, including instructional materials, assessment manipulatives, and big books.

To learn more, visit: [mheonline.com/building-blocks](http://mheonline.com/building-blocks)
HELPING AT-RISK STUDENTS ACHIEVE MORE

With SRA Connecting Math Concepts, significant math skills can be taught to at-risk or underperforming students, while bringing them up to grade level. This program provides a proven solution for at-risk students, either as an intervention or as a core replacement.

THE POWER OF DIRECT INSTRUCTION

This Direct Instruction curriculum is extensively tested and proven to turn all students into confident learners, including at-risk, ESL, special education, and at-level students. It includes:

- Explicit strategies, instruction, and remedies to provide a pathway to mastery and understanding.
- Track sequencing that allows students to make connections and rapidly build their understanding of concepts.
- Digital resources and activities to engage students’ interest and differentiate instruction.

PREPARE STUDENTS FOR ALGEBRA SUCCESS

QUICK RESULTS FOR UNDERPERFORMING STUDENTS

Essentials for Algebra teaches pre-algebra and early algebra skills and concepts in a structured format to get underperforming middle school and high school students algebra-ready in one year.

A DIRECT PATH TO REAL RESULTS

Through this program’s approach to direct instruction, you can achieve success by utilizing the following features:

- Uniform procedures and problem-solving strategies that set students up for algebra success.
- More practice for each problem type than traditional programs for a clear path to mastery.
- A carefully designed sequence that allows teachers to cover more than one year’s instruction in a year.

To learn more, visit: directinstruction.com
For middle school math teachers, *Glencoe Math* is a powerful middle school program that engages students and develops critical thinkers by making math education relevant, rigorous, and possible for every student.

**ENGAGE EVERY STUDENT**

Rigor is built-in and supported throughout the program. The three components of rigor—conceptual understanding, application, and procedural fluency—are embedded in resources, lessons, and the Mathematical Content Standards assessments. Digital planning tools and interactive resources are available online through the power of ConnectED, an easy-to-use assignment and assessment platform. Use them as-is or make them your own to spark student thinking.

*Glencoe Math* meets 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.

**CONTENT STANDARDS**

*Glencoe Math* was designed to meet the expectations of today’s math content and practice standards. With focus on critical concepts for each grade and a structured approach to the development of the Standards of Mathematical Practices, *Glencoe Math* builds a classroom of mathematical thinkers.

**DIFFERENTIATED INSTRUCTION**

Using *Glencoe Math*, teachers can access differentiated instruction options for all types of learners in the online Teacher Center. There are suggestions for approaching level, on level, beyond level, and English language learners.

**STUDENT ASSESSMENTS**

*Glencoe Math* provides electronic self-check quizzes in the form of pretests, individual lessons, and end-of-chapter assessments for use by students to allow them to self-assess their learning and have immediate feedback.

To learn more, visit: mheonline.com/glencoemath
For high school math educators, the *Glencoe High School Math Series* is a comprehensive solution that connects math content, rigor, and adaptive instruction for student success.

**PREPARE STUDENTS FOR HIGH-STAKES TESTING**

Designed for the success of high school math students at all levels through all four years of high school courses, the *Glencoe High School Math Series* supports students with the knowledge and skills for math success by blending rigorous content with real-world relevance. Careful focus on the Standards for Mathematical Practice, including performance tasks, chapter projects, and content standards-style practice questions help prepare students for high-stakes testing.

**CORE STANDARDS ALIGNMENT**

Merging content, practice, and application is essential for effective standards implementation. The *Glencoe High School Math Series*’ focus on Standards for Mathematical Practice and standard-aligned content helps prepare students for success in math.

**DIFFERENTIATED INSTRUCTION**

*Glencoe High School Math Series* fully supports the 3-tier Response to Intervention (RtI) model with print and digital resources to provide daily, strategic or intensive intervention that considers the needs of all students.

**STUDENT ASSESSMENTS**

By design, the *Glencoe High School Math Series* includes a comprehensive assessment system. Multiple opportunities for assessment are built within the instructional text, resources, and online eAssessment platform. Students have options for self-assessment with self-check quizzes, lesson pretests and end of chapter assessments. Additionally, LearnSmart® provides embedded, adaptive, online practice on topics found on end-of-course assessments.

To learn more, visit: mheonline.com/hsmath
The new edition of this high school mathematics program is constructed for individual student success with a proven problem-based, real-world approach for the Common Core and beyond.

A SUITE OF RESOURCES
Core-Plus Mathematics features an integrated course structure with focus on important and broadly useful mathematics aligned with the Common Core State Standards (CCSS) and Standards for Mathematical Practice. Achieve student success through these program attributes:

- Real-world context
- Mathematical modeling
- NSF-funding and independent research
- eAssessment with tech-enhanced questions
- connectED apps for Chromebooks and tablets

CONNECTING STUDENTS WITH SUCCESS
Core-Plus Mathematics engages students in mathematically rich investigations, providing both access and challenge for all students. The curriculum is reinforced by integrated eBooks, digital resources, linked CPMP-Tools® software, and mobile access.

GET RESULTS IN THE CLASSROOM
The CCSS Edition of Core-Plus Mathematics builds on the strengths and success of prior editions. Funded in part by the National Science Foundation, this text has been iteratively updated to reflect the latest in research on student learning.

GET TO THE CORE OF CCSS
Each unit provides a coherent and connected development of CCSS content and practices, with focus on mathematical modeling and the development of reasoning, justification, and proof.

To learn more, visit: mheonline.com/coreplus
DYNAMIC HONORS AND ELECTIVES SOLUTIONS

A SUITE OF RESOURCES

An enlightened approach grounded in the fundamentals of classroom experience, this hardback series is balanced in its treatment of skills and concepts development for success in subsequent courses. Both Beginning Algebra and Intermediate Algebra provide instruction that leads students to mastery and success.

This series includes:

- Step-by-step worked examples that offer a clear, concise methodology.
- A variety of exercises and activities to review concepts and help ensure understanding of chapter concepts.
- Tips and Avoiding Mistakes boxes integrated into the worked examples to help students get better results.

SIMPLIFY HONORS ALGEBRA WITH THE MILLER MATH SERIES

Prepare your students to meet the challenges of honors algebra with the Miller Math Series. This comprehensive, user-friendly, and flexible math series includes College Algebra, College Algebra and Trigonometry, and Precalculus, providing you with a resource choice to fit your course curriculum. Whether your course is strictly a college algebra course, or integrates trigonometry, we’ve got the solution for you.

This series includes:

- Modeling and applications that help students relate mathematical concepts to their everyday lives.
- Five types of graded exercises including Concept Connections and Problem Recognition.

PERFECT FOR INTRODUCTORY STATISTICS

Elementary Statistics: A Step By Step Approach, Bluman © 2018

For students whose mathematical background is limited to algebra, this is the classic general statistics text.

- Offers real-life problems for students to solve with data projects, statistics today, and critical thinking elements.
- Provides hundreds of examples with detailed solutions that serve as models to help students solve problems independently.

ALEKS® 360

A complete course solution that combines personalized assessment and learning with a fully integrated, interactive eBook, the dynamic ALEKS® interface allows students to easily navigate their learning, track their progress, and manage their assignments from anywhere.

To learn more, visit: mheonline.com/electives