

**Mc
Graw
Hill**
Education

McGraw-Hill
My
Math



McGraw-Hill My Math
Learning Solution

Maximize Every Moment for Every Student



The *McGraw-Hill My Math Learning Solution* provides an easy and flexible way to diagnose and fill gaps in understanding. It offers best-in-class resources and instructional strategies. Actionable data personalizes learning to accelerate instruction, target each student's learning, and ensure algebra readiness.



Three main pillars pair with modes of instruction to support various classroom setups.

- ◆ **Engage** with standards-based, grade-level instruction for all.
- ◆ **Target** instruction for differentiation that focuses on skill development to address gaps in understanding with digital and hands-on opportunities.
- ◆ **Personalize** learning for every student to prepare, remediate, and accelerate.

Strong Equitable Instruction

Modes of Instruction

Whole Group Instruction

Allows all students to access the standards-based instruction of on-level concepts and mathematical practices.

Collaborative Learning

Promotes peer-to-peer collaboration and discussion through cross-curricular activity cards, problem solving games, hands-on games, graphic novels, projects, worksheets, and My Learning Stations.

Small Group Instruction

Differentiates instruction to reinforce conceptual understanding of skills not yet mastered or to extend a skill or concept beyond grade level through hands-on lessons, EL support lessons, extension lessons, small group games, and My Learning Stations.

Adaptive Learning

Provides math instruction through online, rigorous, adaptive technology with integrated STEM themes and digital project-based learning.

Independent Practice

Allows for application of skills across multiple modalities through purposeful practice activities, including eTools/virtual manipulatives, assignable digital mini-lessons, digital games, real-world problem-solving readers, graphic novels, projects, and worksheets.

Using Data to Drive Instruction

Adding objective, insightful data to your strong, subjective understanding of your classroom can drive you to make decisions at the appropriate moment to propel all students forward. Our *McGraw-Hill My Math Learning Solution* can help you challenge your students in ways that inspire them to embrace the power of math through real-world connections and applications.

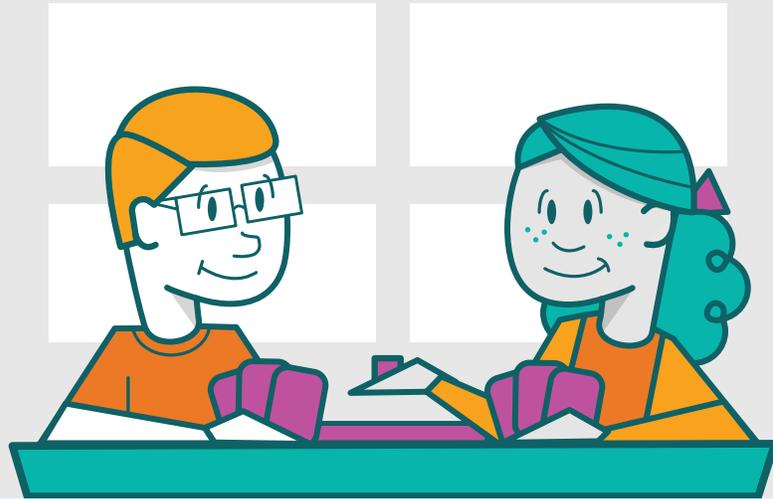
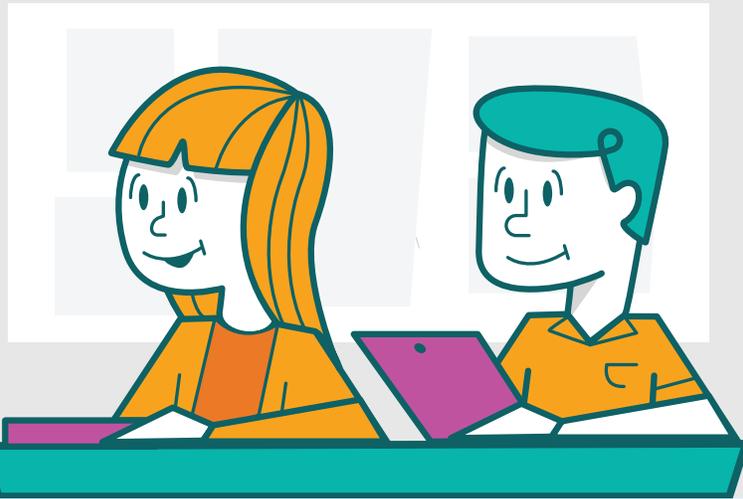
The McGraw-Hill My Math Learning Solution provides a variety of data collection opportunities to inform instruction.

- ◆ **Formative and summative assessments** track progress and provide alerts of students who need targeted instruction.
- ◆ **Grouping suggestions** support effective classroom management.
- ◆ **Data checks** measure effectiveness of the targeted instruction.



How **Modes of Instruction**
Can Support Four Popular
Instructional Models

Guided Math



Instruction

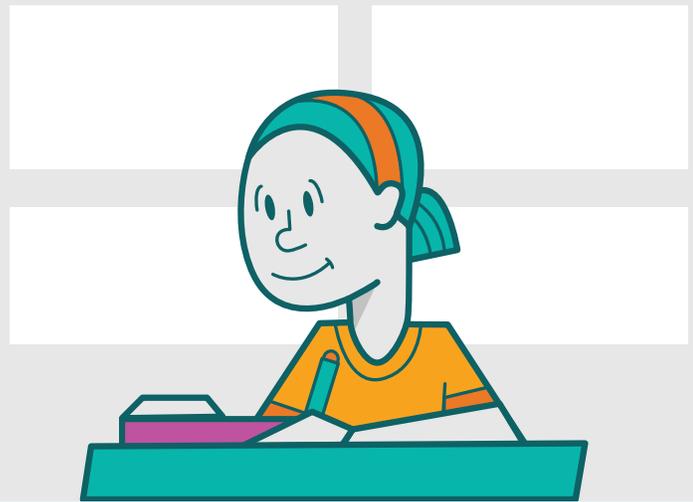
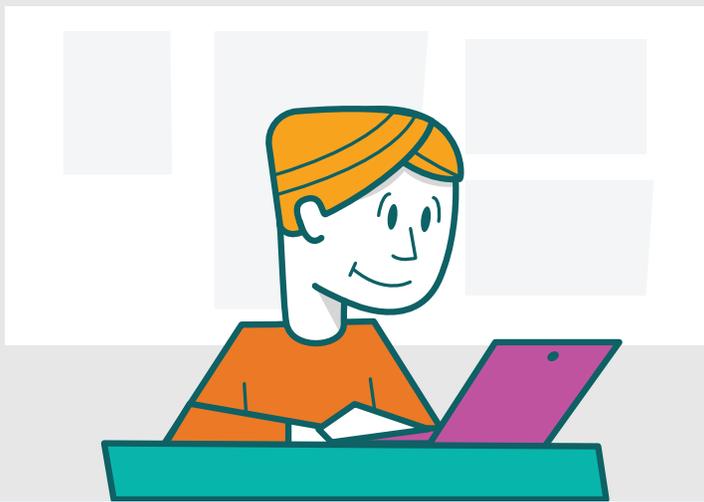
Small Group
Instruction

Adaptive
Learning

The *My Math* Learning Solution helps support guided math by giving every student the opportunity to grow their understanding of essential mathematical concepts through flexible activities and lessons that support and enrich skills through active learning and meaningful discussion.

Benefits:

- ◆ Promotes student ownership of learning
- ◆ Empowers teachers to ask insightful questions
- ◆ Engages students to stay focused and participate in meaningful learning moments
- ◆ Personalizes instruction through effective small group instruction and adaptive technology



Practice & Application

Collaborative
Learning

Independent
Practice

Implementation Considerations:

- ◆ Incorporates ongoing fluency stations through games and independent activities
- ◆ Provides opportunities for co-teaching and use of multiple stations to vary instruction
- ◆ Incorporates student-choice opportunities
- ◆ Establishes an ongoing classroom routine and expectation

Use of Data:

Results of Dash Dashboard provide reteach, reinforce, and enrichment opportunities on grade-level content. Personalized data and alerts help teachers identify gaps and monitor progress.

Blended Learning



Teacher-Led

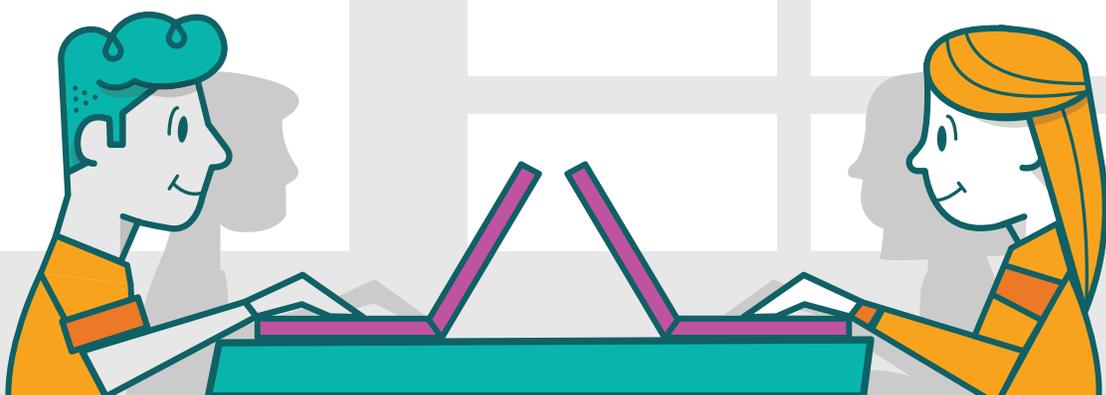
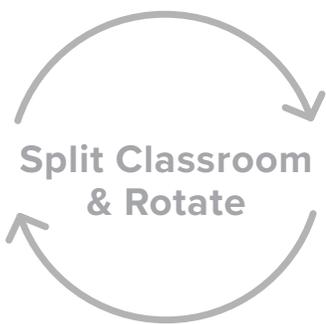
Whole Group
Instruction

Small Group
Instruction

The *My Math* Learning Solution supports blended learning using purposeful teacher-led instruction and digitally-delivered adaptive instruction in a rotation model.

Benefits:

- ◆ Decreases the student-to-teacher ratio during instruction
- ◆ Enables the teacher to better observe and assess for understanding
- ◆ Ensures students learn within their zone of proximal development
- ◆ Allows for teachers to make accommodations in instruction to tailor it to each student



Student-Driven

Adaptive
Learning

Independent
Practice

Collaborative
Learning

Implementation Considerations:

- ◆ For co-teaching, consider a parallel approach
- ◆ Teachers co-plan the lesson
- ◆ Each teacher takes half the class and teaches the lesson
- ◆ Teachers can utilize the mini-lessons and resources available to individualize and adjust instruction for each group.

Use of Data:

The Data Dashboard and personalized learning data can help effectively group students and provide insights into how students learn best, helping to inform instructional strategy.

Alternative Teaching



Whole Group

Whole Group
Instruction

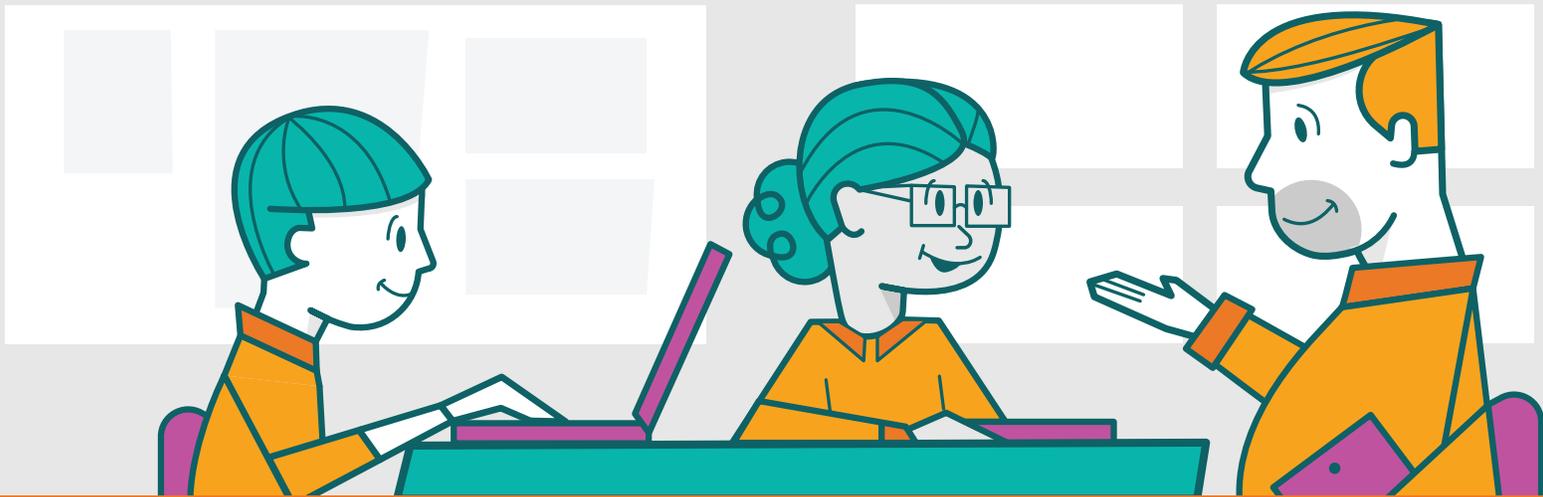
Independent
Practice

Adaptive
Learning

The *My Math* Learning Solution provides a variety of ways to reteach, reinforce, engage, and extend instruction as needed to support alternative and co-teaching models ability to differentiate instruction.

Benefits:

- ◆ Allows teachers to tailor instruction to each student's individual needs
- ◆ Integrates time for reteaching and enriching
- ◆ Allows for multiple delivery methods



Small Group

Small Group
Instruction

Collaborative
Learning

Independent
Practice

Adaptive
Learning

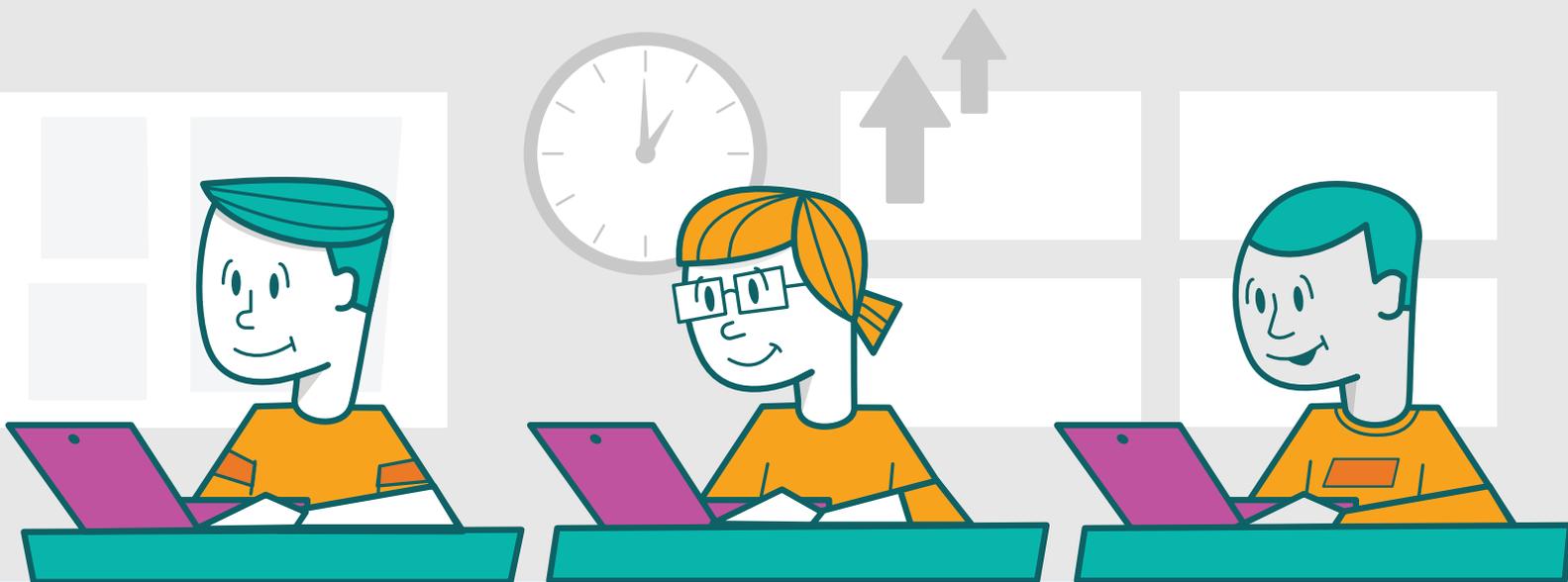
Implementation Considerations:

- ◆ Rotate the groups to extend or reteach to help reduce the back table “stigma”
- ◆ Alternate the teacher pulling students to help establish parity in co-teaching situations
- ◆ Incorporate student choice days to help entice learners and keep them engaged
- ◆ If co-teaching is not available, use back table for independent work or personalized learning

Use of Data:

By drawing on results from student assessments and activities, the Data Dashboard provides teachers with specific recommendations to reteach and enrich, making planning and grouping for alternative teaching timely and effective.

Intervention/Enrichment Block



Classroom Instruction

Whole Group Instruction

Small Group Instruction

Adaptive Learning

Independent Practice

Collaborative Learning

The *My Math* Learning Solution presents a clear and complete solution for flexible Tier 2 intervention that allows for students to get the appropriate amount of support or challenge needed.

Benefits:

- ◆ Allows personalized instruction to keep every student engaged in learning
- ◆ Promotes flexible regrouping based on data
- ◆ Encourages higher engagement and more teacher-to-student interaction
- ◆ Provides multiple opportunities for access and practice



Intervention/Enrichment Block

Adaptive Learning

Independent Practice

Collaborative Learning

Implementation Considerations:

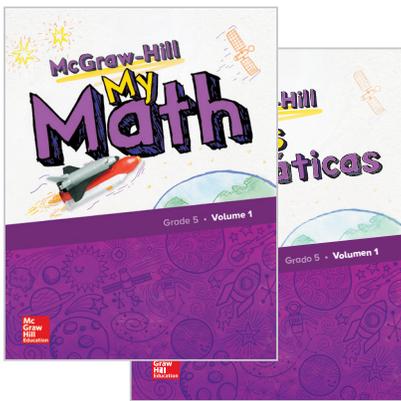
- ◆ A double block can incorporate similar principles without being called out as an intervention or enrichment block
- ◆ Team planning is crucial to maximize the success of the intervention and enrichment block and how it connects to the general education classroom
- ◆ Could be used after school or during summer school

Use of Data:

Adaptive instruction will continually collect data and key metrics to determine how well students are progressing and identify which students need teacher attention. Actionable reports allow for easy, no fuss instructional planning to make the most of the extra time the teacher has with students.

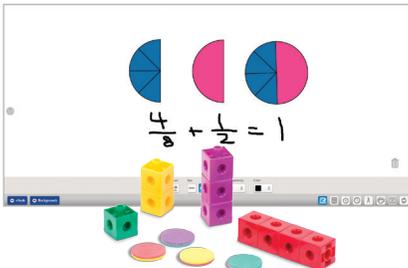
Components

The McGraw-Hill My Math Learning Solution comes with a two-volume, consumable student edition and two-volume teacher edition, also available in digital.



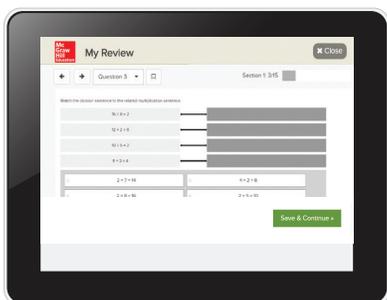
ELL & Spanish

- ◆ English Language Learners interactive guides
 - English Learner support for your mathematics Classroom (Teacher)
 - Building Your Math Vocabulary Skills (Student)
- ◆ *Mis matemáticas* (Spanish edition available in print and digital)
- ◆ Spanish-leveled readers
- ◆ My Learning Station Spanish real-world problem solving readers add-on Package
- ◆ Spanish 21st-century assessments (black lines)



Differentiation

- ◆ Real-world problem-solving readers (on level, approaching, beyond)
- ◆ My Learning Stations
- ◆ Individual manipulative kits (individual, classroom, magnetic, overhead, teacher toolkit)
- ◆ Classroom manipulative kit
- ◆ Targeted strategic intervention guide (online resource)



Assessment

- ◆ 21st-Century Assessment
- ◆ Online assessment and Data Dashboard reporting
- ◆ Power Up for PARCC Assessment
- ◆ Think Smart for the Smarter Balanced Assessment
- ◆ Countdown to Common Core



Targeted Instruction

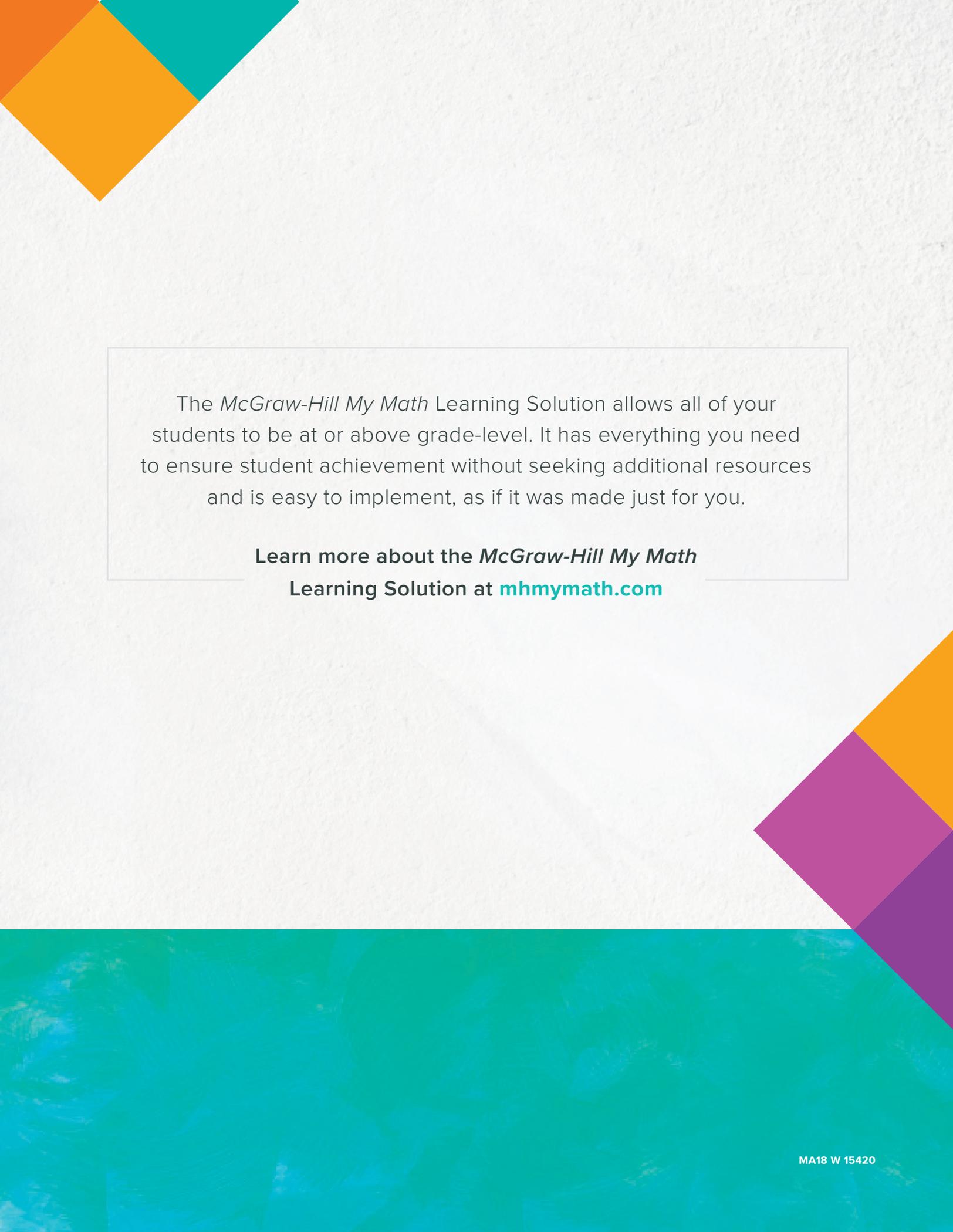
- ◆ K–8 skill-based lesson library
- ◆ K–8 Classroom Games Kit



Personalized Learning

- ◆ Adaptive, personalized student driven instruction
- ◆ Teacher data and management center

REDBIRD
MATHEMATICS



The *McGraw-Hill My Math* Learning Solution allows all of your students to be at or above grade-level. It has everything you need to ensure student achievement without seeking additional resources and is easy to implement, as if it was made just for you.

Learn more about the *McGraw-Hill My Math* Learning Solution at mhmymath.com