Mc Graw Hill Education

Mississippi McGraw-Hill

My Math

K–5 Overview Brochure

Mississippi McGraw-Hill My Math

Made For You

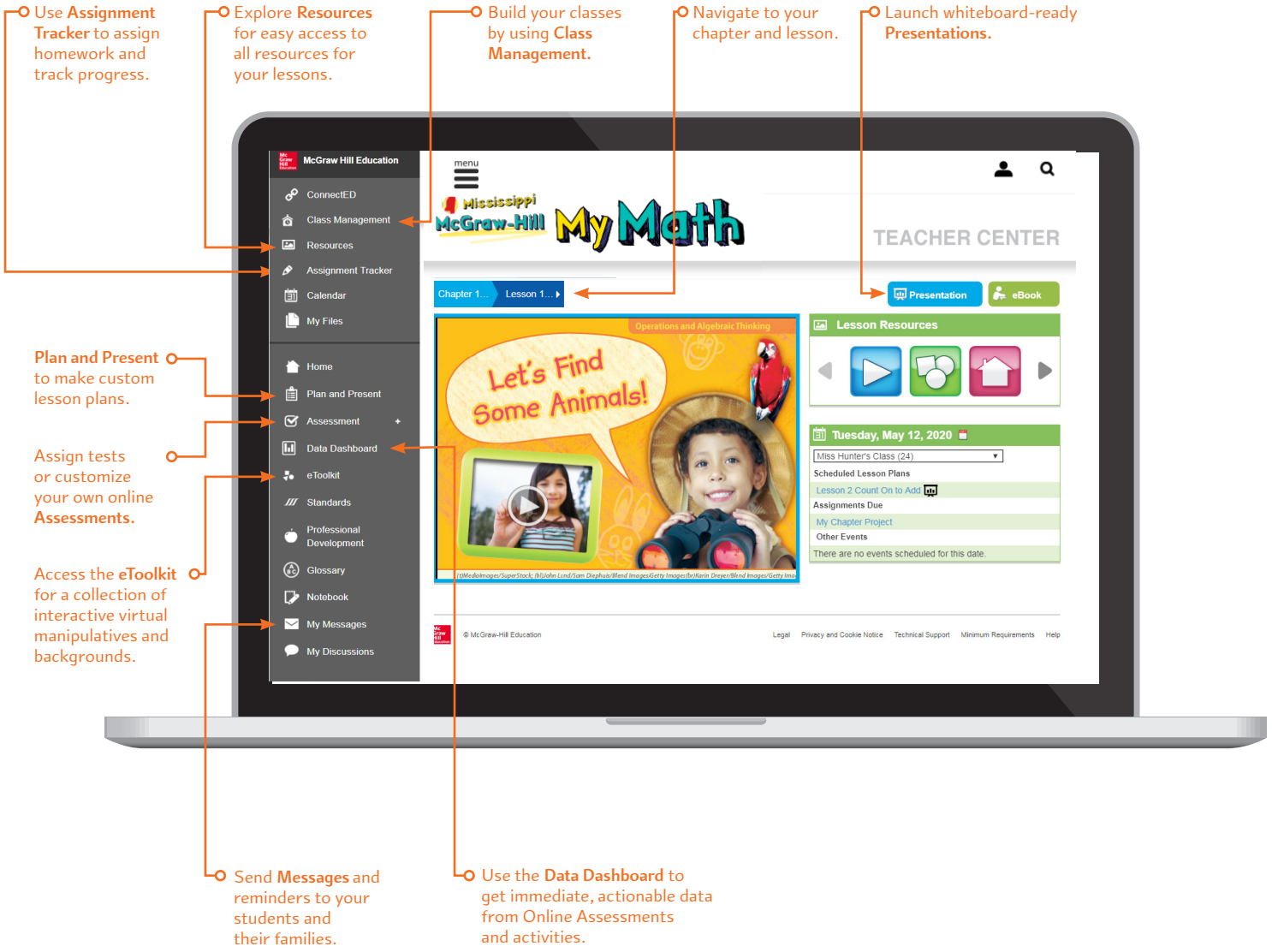
This guide was designed to make it easy for you to review *Mississippi McGraw-Hill My Math* in your classroom. Along the way, you'll learn more about what this research-based program has to offer:

- Customized Instruction
- Challenge and Engage
- Individualized Support
- Continuous Learning

Customize to Your Teaching Style

No two *students* learn alike and no two *teachers* teach alike

You will be reminded how *Mississippi McGraw-Hill My Math* is made for you and your students every time you log in to the ConnectED Teacher Center and see the multiple ways you can optimize, customize—and, yes individualize—your classroom planning, presentations, and differentiated instruction for every student. Or, if you're happy with everything just as it comes, that's fine too. The choice is yours!

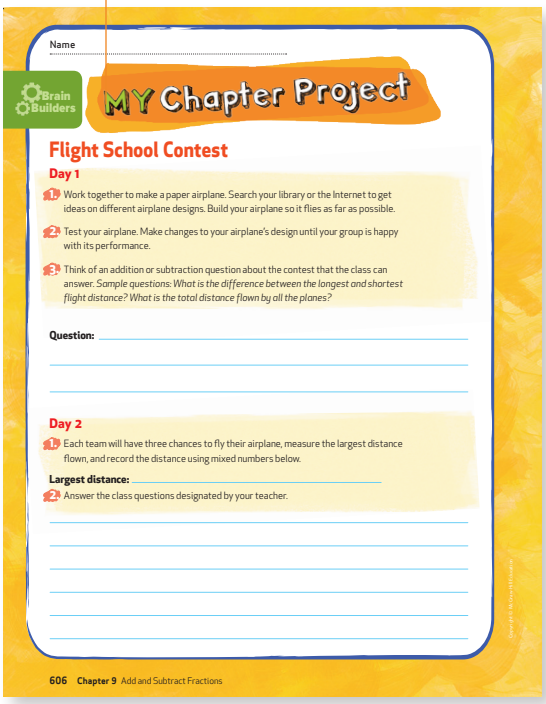


What is challenging is also engaging.

Mississippi McGraw-Hill My Math can help you challenge your students in a way that inspires them to embrace the power of mathematics through real-world applications and experience just how fun math success can be. *Mississippi McGraw-Hill My Math* weaves the three components of rigor throughout the program: conceptual understanding, procedural skill and fluency, and application. This enables your students to progress to a higher level of achievement and steadily grow their math confidence.

My Chapter Projects

provides students with an opportunity to apply mathematical thinking to a real life situation.



Name

Brain Builders

MY Chapter Project

Flight School Contest

Day 1

1. Work together to make a paper airplane. Search your library or the Internet to get ideas on different airplane designs. Build your airplane so it flies as far as possible.
2. Test your airplane. Make changes to your airplane's design until your group is happy with its performance.
3. Think of an addition or subtraction question about the contest that the class can answer. *Sample questions: What is the difference between the longest and shortest flight distance? What is the total distance flown by all the planes?*

Question: _____

Day 2

1. Each team will have three chances to fly their airplane, measure the largest distance flown, and record the distance using mixed numbers below.

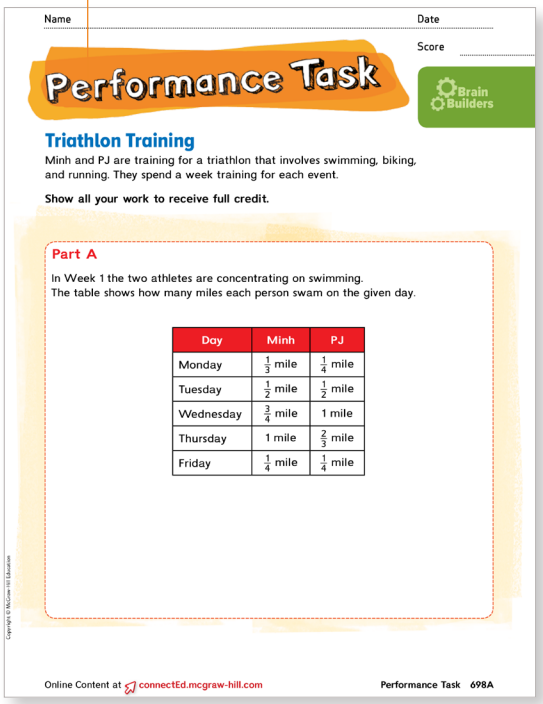
Largest distance: _____

2. Answer the class questions designated by your teacher.

606 **Chapter 9** Add and Subtract Fractions

Chapter Performance Tasks

prepare students for college and career readiness through in-depth, real world problems requiring multi-step, critical thinking and integration of mathematical concepts.



Name _____ Date _____

Score _____

Performance Task

Brain Builders

Triathlon Training

Minh and PJ are training for a triathlon that involves swimming, biking, and running. They spend a week training for each event.

Show all your work to receive full credit.

Part A

In Week 1 the two athletes are concentrating on swimming.
The table shows how many miles each person swam on the given day.

Day	Minh	PJ
Monday	$\frac{1}{3}$ mile	$\frac{1}{4}$ mile
Tuesday	$\frac{1}{2}$ mile	$\frac{1}{2}$ mile
Wednesday	$\frac{3}{4}$ mile	1 mile
Thursday	1 mile	$\frac{2}{3}$ mile
Friday	$\frac{1}{4}$ mile	$\frac{1}{4}$ mile

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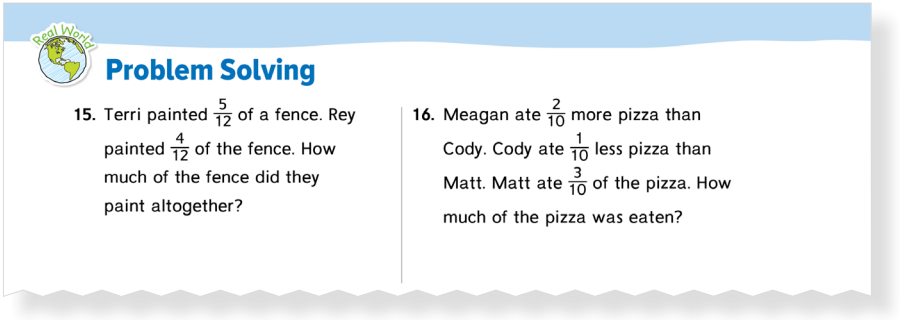
Challenge and Engage Your Students

Real-World Problem Solving Questions

Real World Problem Solving Questions

promote student exploration of mathematical concepts through connections to real-world situations.

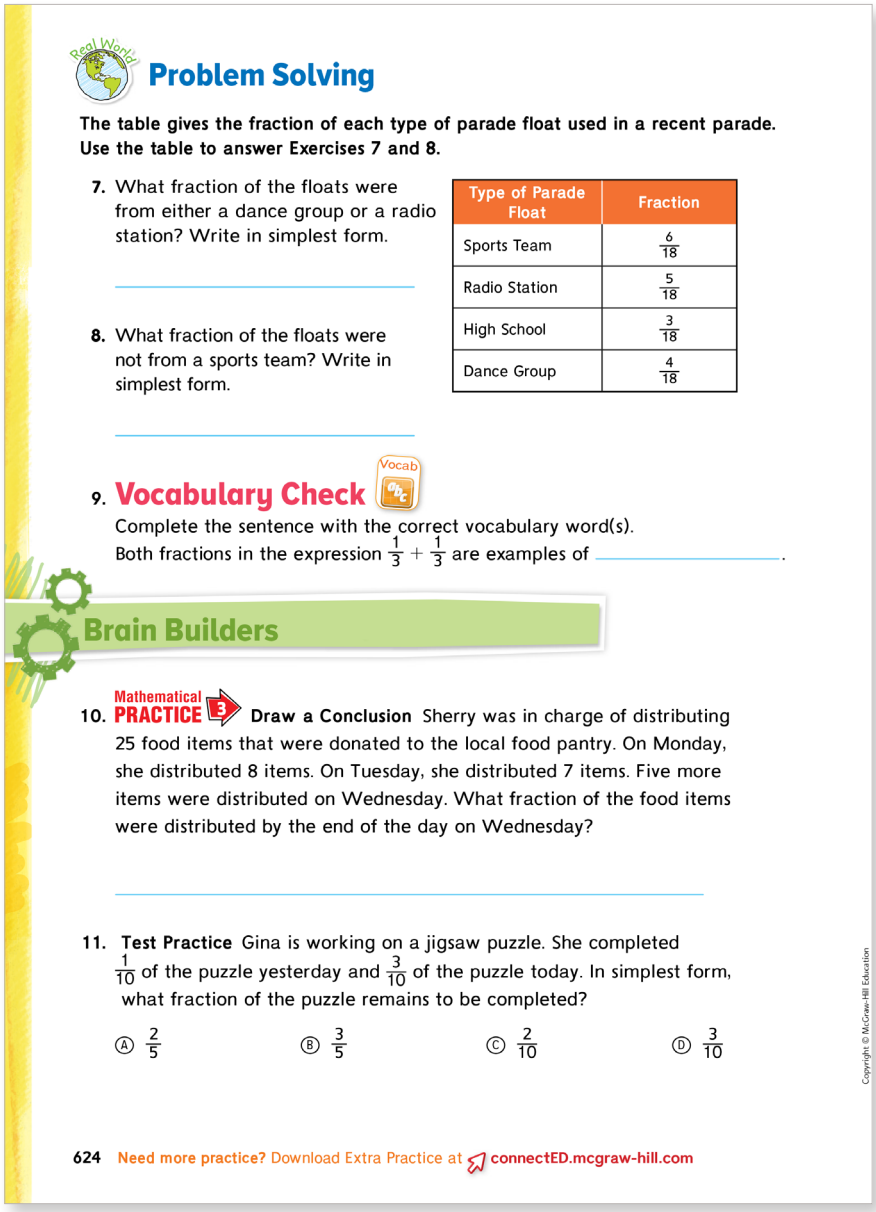


Real World

Problem Solving

15. Terri painted $\frac{5}{12}$ of a fence. Rey painted $\frac{4}{12}$ of the fence. How much of the fence did they paint altogether?

16. Meagan ate $\frac{2}{10}$ more pizza than Cody. Cody ate $\frac{1}{10}$ less pizza than Matt. Matt ate $\frac{3}{10}$ of the pizza. How much of the pizza was eaten?



Real World

Problem Solving

The table gives the fraction of each type of parade float used in a recent parade. Use the table to answer Exercises 7 and 8.

7. What fraction of the floats were from either a dance group or a radio station? Write in simplest form.

8. What fraction of the floats were not from a sports team? Write in simplest form.

Type of Parade Float	Fraction
Sports Team	$\frac{6}{18}$
Radio Station	$\frac{5}{18}$
High School	$\frac{3}{18}$
Dance Group	$\frac{4}{18}$

Vocab

9. **Vocabulary Check**

Complete the sentence with the correct vocabulary word(s).

Both fractions in the expression $\frac{1}{3} + \frac{1}{3}$ are examples of _____.

Brain Builder Questions

provide students an opportunity to extend their knowledge and critical thinking skills by answering multi-step, complex question sets.

Brain Builders

Mathematical PRACTICE

10. **Draw a Conclusion** Sherry was in charge of distributing 25 food items that were donated to the local food pantry. On Monday, she distributed 8 items. On Tuesday, she distributed 7 items. Five more items were distributed on Wednesday. What fraction of the food items were distributed by the end of the day on Wednesday?

Mississippi Test Practice

allow students to familiarize themselves with question types they may experience while taking rigorous Mississippi assessments.

11. **Test Practice** Gina is working on a jigsaw puzzle. She completed $\frac{1}{10}$ of the puzzle yesterday and $\frac{3}{10}$ of the puzzle today. In simplest form, what fraction of the puzzle remains to be completed?

Ⓐ $\frac{2}{5}$ Ⓑ $\frac{3}{5}$ Ⓒ $\frac{2}{10}$ Ⓓ $\frac{3}{10}$

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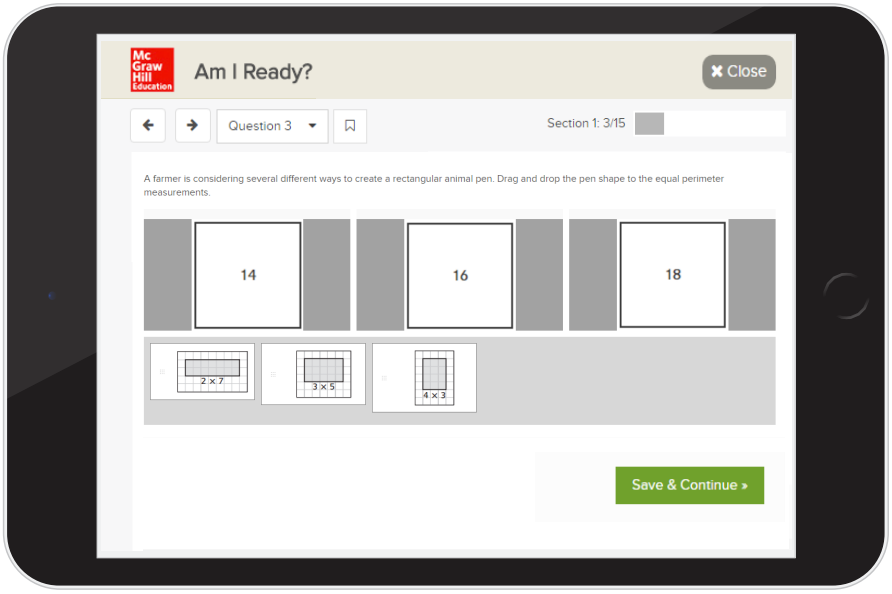
Preparing for Mississippi Academic Assessments

By providing questions and activities modeled after state assessment questions, students will have the experience and confidence needed to perform on Mississippi assessments.

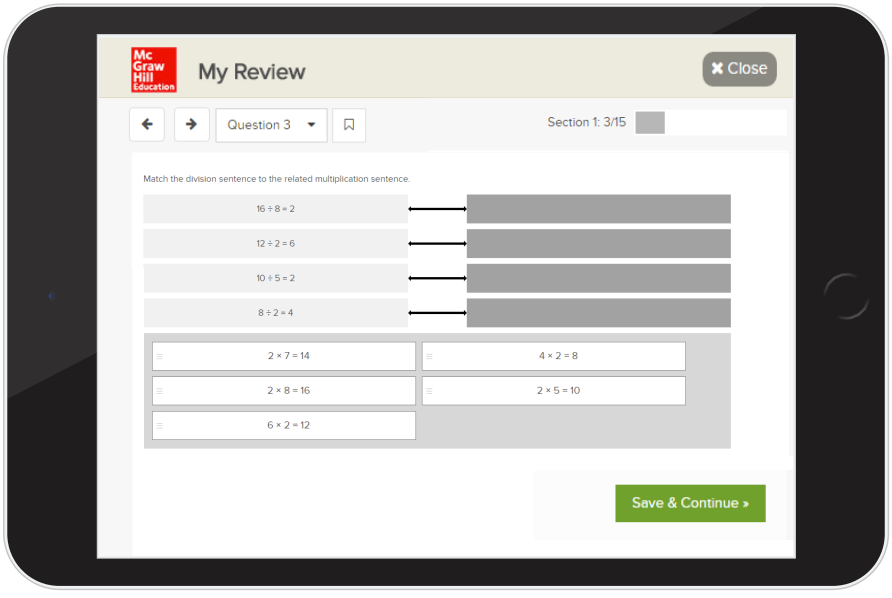


Online Assessments

Create assessments that align to mathematical content standards with ease. Using the intuitive online assessment system you can quickly build and customize assessments to fit the needs of your classroom.

Technology-Enhanced Questions (TEQ)

TEQs allow your students to practice both the rigor and functionality that is required for Mississippi Academic Assessments.



Individualized Support

My Learning Stations

My Learning Stations are filled with fun, ready-made math activities, games, and Real-World Problem Solving readers, offering all learners the chance to access the text and gain appropriate understanding.

Math & Literacy Connections

The *Real-World Problem Solving Readers* offer all learners the chance to access the text and gain appropriate understanding for Approaching, On-level, Beyond level, and Spanish language students.

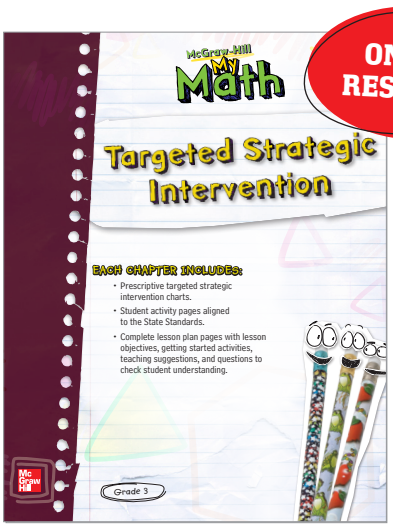
Approaching Level
TIER 2: Strategic Intervention

On Level
TIER 1

Beyond Level
Extend

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 Extend and Enrich for Beyond Level students. Tier 3 support is provided in the *Number Worlds* intensive intervention program.



Targeted Strategic Intervention

The Targeted Strategic Intervention guide offers alternative lessons, providing another approach to each mathematical concept for RtI students. Available in ConnectED.

Personalized Learning for Digital Natives

REDBIRD
MATHEMATICS

Add *Redbird Mathematics*® to your *Mississippi McGraw-Hill My Math* purchase for a total personalized adaptive solution. Available anytime, anywhere, on any internet-enabled tablet or computer, *Redbird Mathematics* helps learners build confidence in their abilities, engaging in productive struggle that helps them learn how to learn.

1 Identify What Each Student Is Ready To Learn

A digital personalized learning solution, *Redbird Mathematics* uses adaptive technology to meet all learners where they are and accelerate learning. At its heart, *Redbird Mathematics* is an engaging program that enables students to understand, apply, and create at their specific point on the learning continuum.

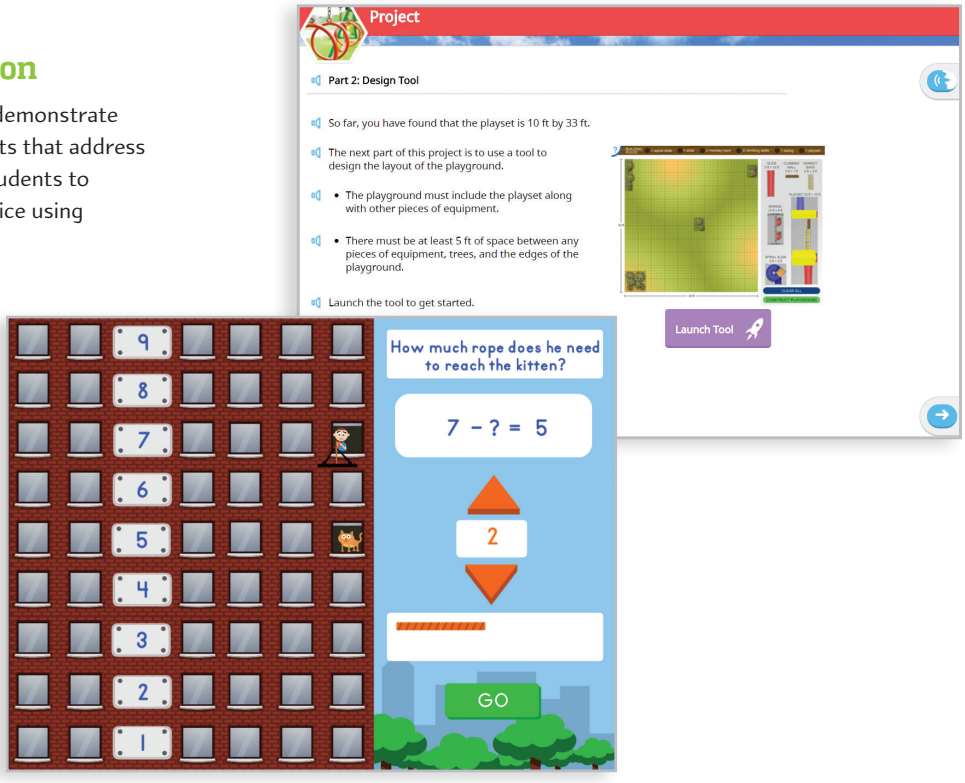
2 Build Understanding of Math Concepts

Learning games and more than 15,000 math items facilitate extensive practice and application of mathematical concepts, teach advanced problem solving, and provide experience with item formats found in high-stakes assessments.

3 Demonstrate Proficiency With Real World Application

Redbird Mathematics enables students to demonstrate proficiency through STEM-based projects that address real-world challenges and encourages students to display understanding as they gain practice using design, simulation, or coding tools.

Redbird Mathematics not included in standard bundle purchase. Additional purchase required; ask your McGraw-Hill Education representative for details.



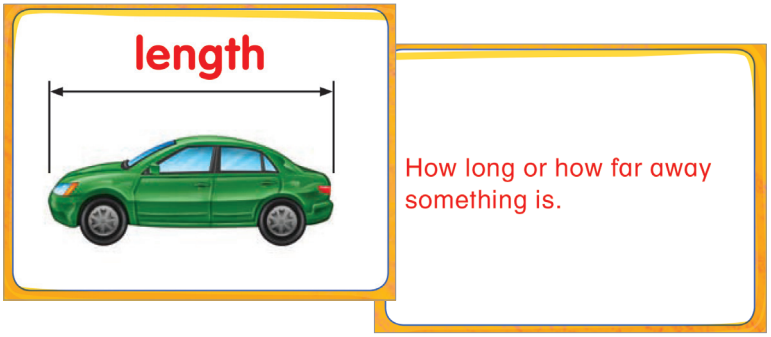
Continuous Learning

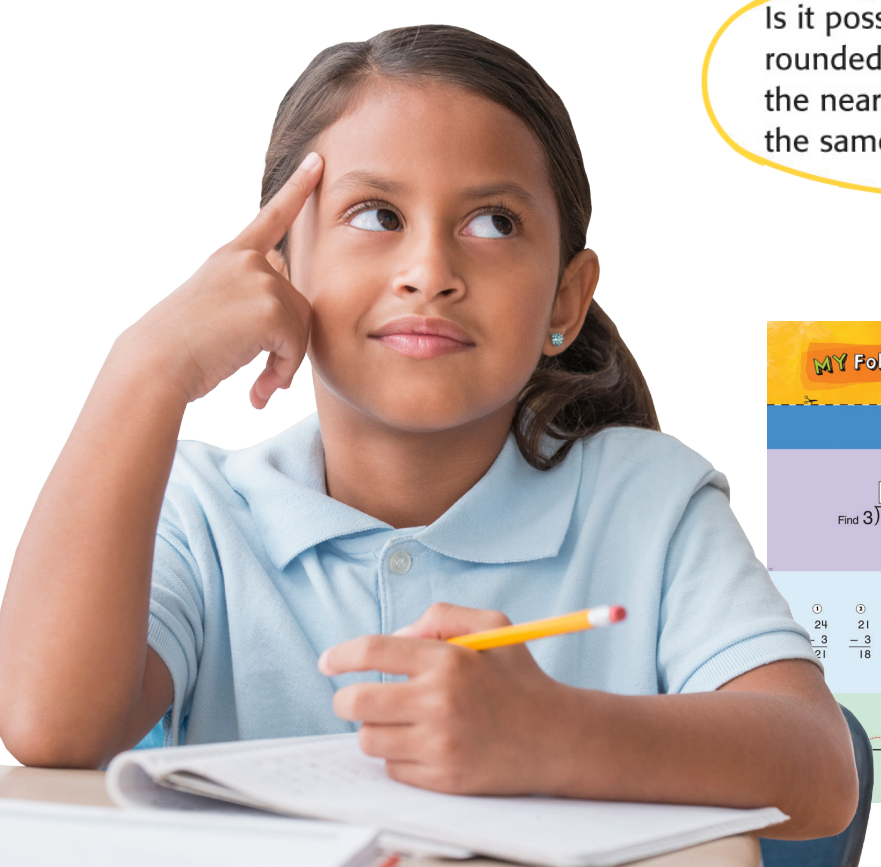
Inspire a lifelong love of math

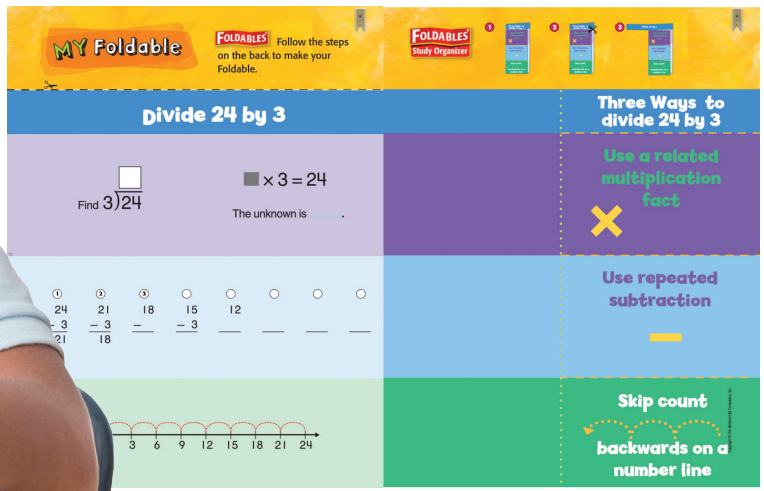
Mississippi McGraw-Hill My Math is made for you and your students by offering meaningful vocabulary opportunities allowing for powerful student engagement with mathematics. Providing you with a wide array of vocabulary resource types, students are given the tools necessary to develop their language skills—a crucial element for conceptual development.

Communicate Using Mathematical Language

Students begin each chapter with a hands-on understanding of the chapter content with visual vocabulary cards, Talk Math opportunities, and Dinah Zike's Foldables® (kinesthetic graphic organizers) right in their own book.

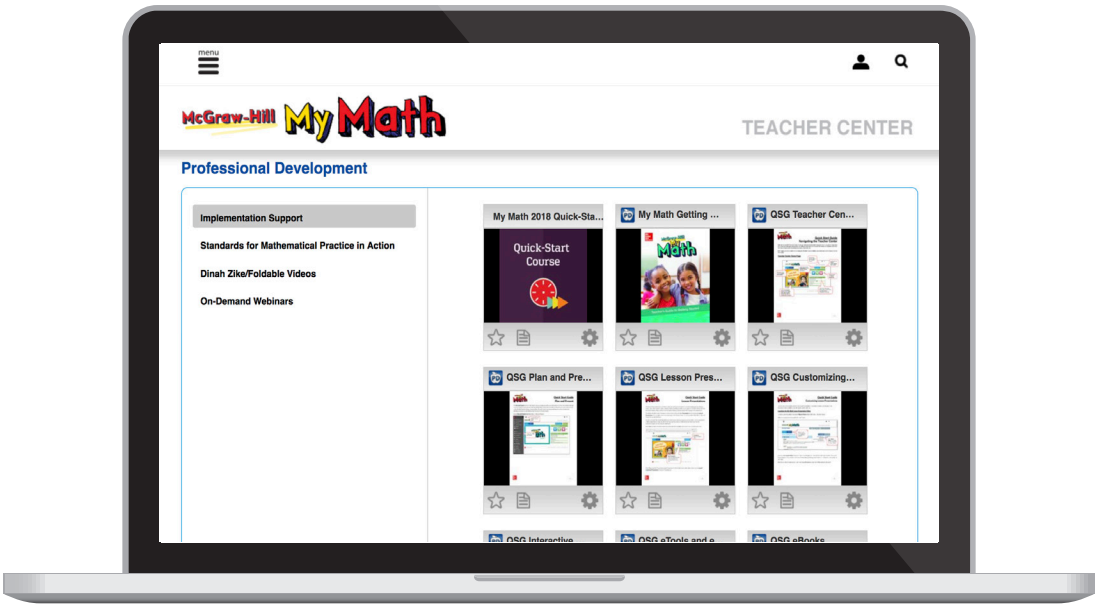






Professional Development

Providing you 24/7 access to relevant, practical support for *Mississippi McGraw-Hill My Math*, the McGraw-Hill Education online professional learning Quick Start Course for grades K-12 provides program implementation training, access to view videos of the program's teaching models, ongoing program support, and technical support for immediate troubleshooting. *Mississippi McGraw-Hill My Math* was made for you, so you can make it your own.



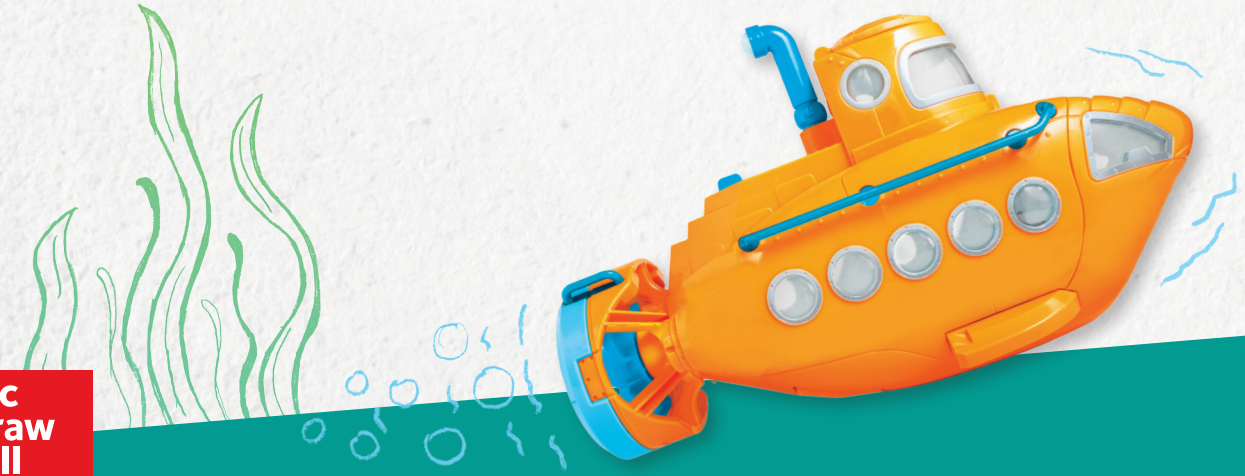
"I am excited to participate in the Quick-Start Course in order to learn more about the *McGraw-Hill My Math* series and many of the online resources available."

–Deanne L., *Director of Instruction*

Mississippi

McGraw-Hill My Math

To learn more, go online to
mheonline.com/mississippi



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