

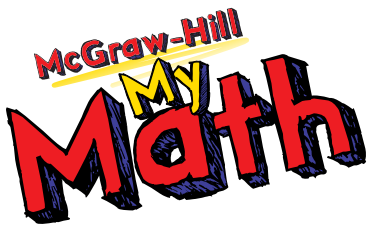
# McGraw-Hill My Math



## DIGITAL WALKTHROUGH

[connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com)





McGraw-Hill My Math is **Made For You**, giving you the **rigor, personalization** and **student engagement** you and your students need to be successful with the Standards – and have fun while achieving that success!

This completely re-imagined approach to elementary math learning is fully aligned with all Content Standards and Mathematical Practices, so you can focus on what you love most: inspiring a love of learning. You can easily do this all in one place with our digital platform, ConnectED.

## START HERE

[connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com)

## TEACHER CENTER

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

### 1 Navigate

classroom management tools

### 2 Choose

lessons easily from drop-down menus

### 3 Browse

lesson-specific resources that match those in the Student Edition

### 4 Preview

today's planning dashboard

### 5 Send

reminders and messages to students and parents



# STUDENT CENTER

Students will be engaged with their interactive eBook.

- ▶ Easy navigation for students and parents
- ▶ Organized for quick reference
- ▶ Simple access to resources

**1** Find homework assignments.

**2** Access the Student Edition eBook.

**3** Browse for lesson-specific resources for more support and learning.

McGraw-Hill MyMath Student Center

Chapter ... Am I rea... ▶

Operations and Algebraic Thinking

Let's Find Some Animals!

1 Homework

You have no assignments at this time.

2 eBook

3 Lesson Resources

# PLAN AND PRESENT

A planning tool that is easy to use! ConnectED supports personalized 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.

## Launch

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

## Present

Teach in the style that fits your classroom best.

The screenshot shows the McGraw-Hill MyMath Teacher Center interface. At the top, it says "McGraw-Hill MyMath Teacher Center". Below that, there are buttons for "Add To My Calendar", "Customize", "Print", and "Create Lesson". The main area is titled "Plan and Present" and shows "Chapter 1" and "Lesson ..." dropdown menus. Below that, it says "Lesson 4 Make a 10" with a "Presentation" icon and an "Expand All" dropdown. The content area is titled "What's the Math?" and includes sections for "FOCUS", "Standards", "Mathematical Practices", "COHERENCE", and "Linking to Major Topics".

Today's Lesson  
Make a 10

Problem of the Day  
GET READY  
Use near doubles to find the sum.  
 $7 + 8 = \underline{\quad}$   
What two doubles facts helped you find the sum?


Investigate the Math  
INVESTIGATE  
Explore  
How can making a ten help you add?  
A 2x10 grid and a set of colorful base ten blocks (ones, tens, and hundreds).



## Teach

includes lesson examples that build on the chapter's Essential Question.

▼ Teach

 **Explore and Explain**

You will need

- two-color counters
- cups

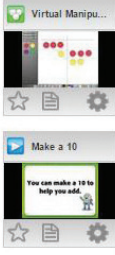
Read the directions that are at the bottom of the page. Guide students through placing red counters in the top ten-frame and yellow counters in the bottom ten-frame.

In the unlikely event that there are 10 or more red or yellow counters, have students place the counters back in the cup, mix them up, and pour them out again.

*Write the number of counters in the top ten-frame as the first addend in the top addition sentence. Write the number of counters in the bottom ten-frame as the second addend. What sum should everyone have? 13*

Lead students through moving yellow counters into the top ten-frame to make a ten.

*Now write the number of counters in the top ten-frame as the first addend in the bottom addition sentence. Write*




The **point-of-use-lesson resources** are readily accessible in every section of the lesson plan.

## Differentiated Instruction

offers strategies and resources to support all learning and engages English Learners.

▼ Differentiated Instruction

 **RESPONSE TO INTERVENTION**

**Differentiated Instruction**

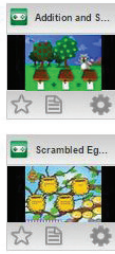
**AL** **APPROACHING LEVEL**

Tier 2: Strategic Intervention

Hands-On Activity Materials: ten-frames, connecting cubes

Write the number sentence  $8 + 4 = \underline{\quad}$  on the board. Have students show the number 8 with cubes of one color on the ten-frame. Show students that to add 4 cubes of another color, only 2 cubes will fit on the ten-frame. Tell students that  $8 + 4 = 12$ , because  $8 + 2 = 10$  and 2 more is 12. Repeat the process several times showing how to make a ten to add with other number sentences.

**OL** **ON LEVEL**



## Practice and Apply

provides differentiated homework options.

▼ Practice & Apply


**On My Own**

Based on your observations, you may choose to assign exercises as noted in the levels below.


**AL** **Approaching Level** Guide students through the exercises in On My Own. Help them to use manipulatives while working through the exercises.

**OL** **On Level** Complete the exercises independently.



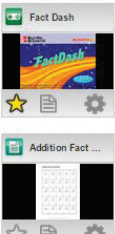
 **Common Error!**

Sometimes students add the wrong number to make 10. Help them avoid this error by reviewing basic addition facts as needed.

 **Problem Solving**

**MPI** **Make Sense of Problems**

**Exercise 17** Have students look at Exercise 17. *What strategy did you use to solve this problem? Sample answer: I used the make a ten strategy. I did this by taking apart 8 to make 7 and 1. Then I added the 1 and 9 to make 10.*



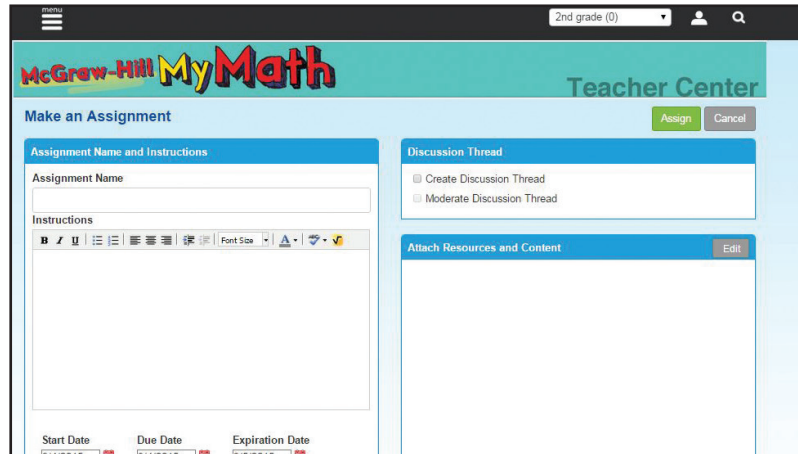
**Common Errors** identify areas students could struggle, and provides help avoiding these errors.

# ASSIGNMENT TRACKER

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

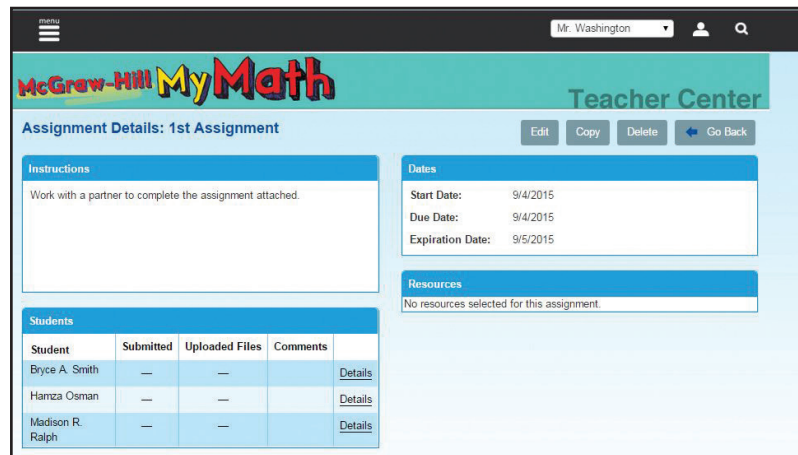
## Create assignments

for the whole class or customize for individual students.



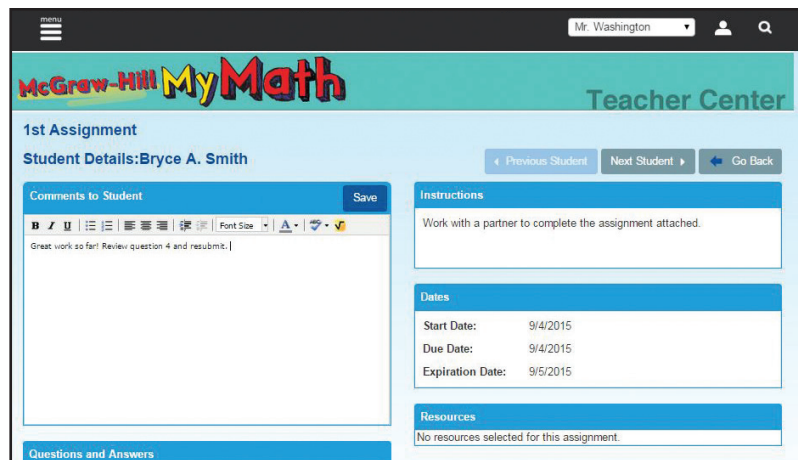
## Add due dates

for assignments and projects.



## Collaborate & Communicate

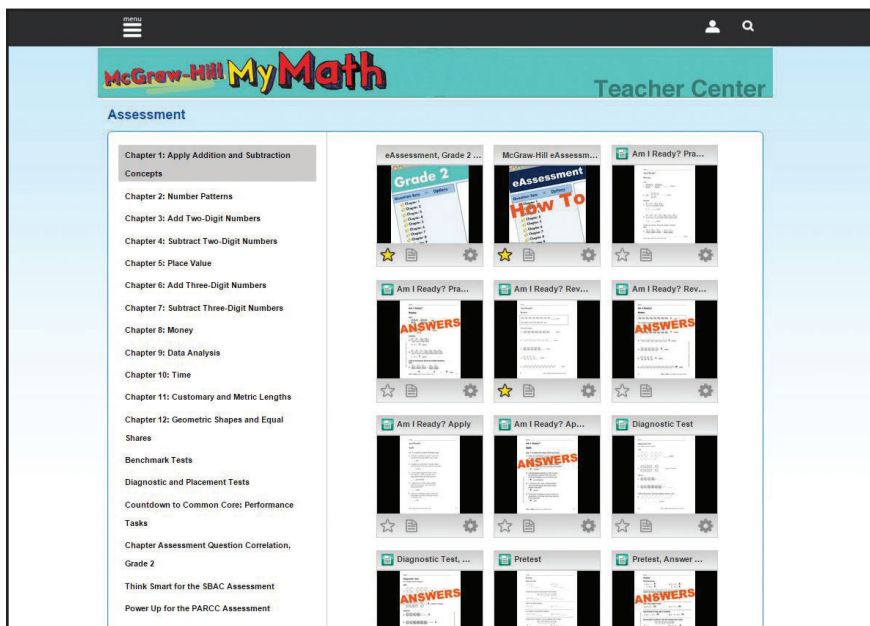
by sending messages and reminders to students and parents. Start supervised discussions with whole classes or groups of students.



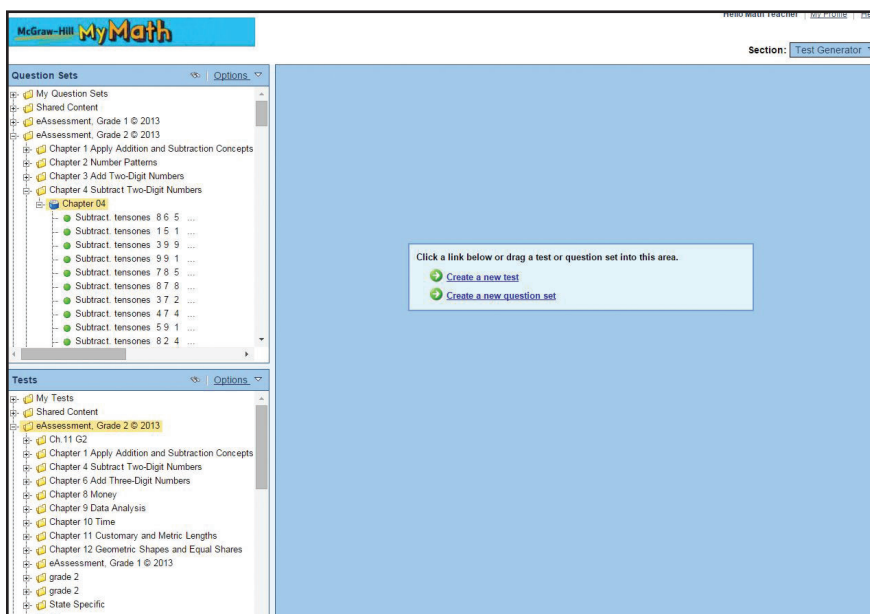
# ASSESSMENT

Take advantage of a complete suite of assessment resources for all types of classrooms.

- ▶ Create customized tests and assignments
- ▶ Administer and score online assessments similar to the new high stakes assessments.
- ▶ Generate student, class, school, and district reports to diagnose and prescribe effective instruction.



**Select** your assessment and choose from any of the pre-made assessments.



**Customize** assessments, homework, practice, or tests by launching the online eAssessment.

# PERSONALIZED LEARNING

Add *ALEKS* and *Building Blocks* to your McGraw-Hill My Math purchase for a total, personalized adaptive solution.



## Build conceptual development with adaptive games

Supplemental math instruction featuring nearly 200 fully animated activities for grades PreK-8 provides conceptual development, practice, and remediation within a wide variety of math topics. English and Spanish activities are aligned to lessons in the *McGraw-Hill My Math* Teacher Edition.

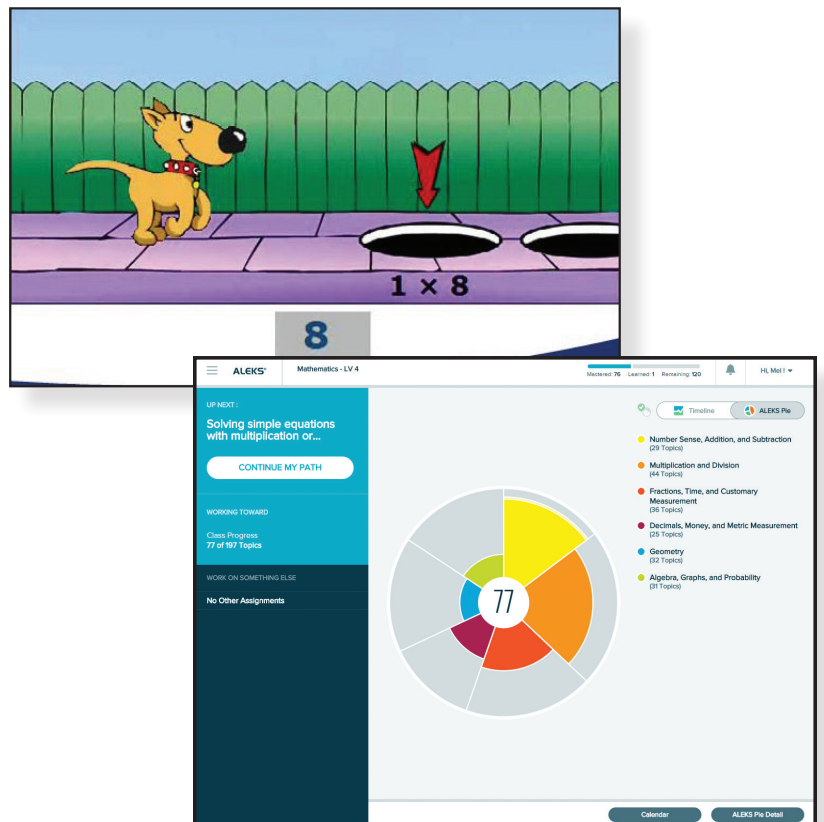


## Identify what each student is ready to learn

Using adaptive technology, *ALEKS* identifies gaps through periodic progress checks, and delivers personalized instruction on topics each student is ready to learn next. This focused instruction helps each student gain confidence to excel in math.

## Achieve fact fluency and mastery

*ALEKS* Quicktables is an engaging way to approach math fact mastery. It is available for grades 1-5 and included with any full *ALEKS* purchase, grades 3-5. QuickTables covers 0-12 math facts for addition, subtraction, multiplication, and division.

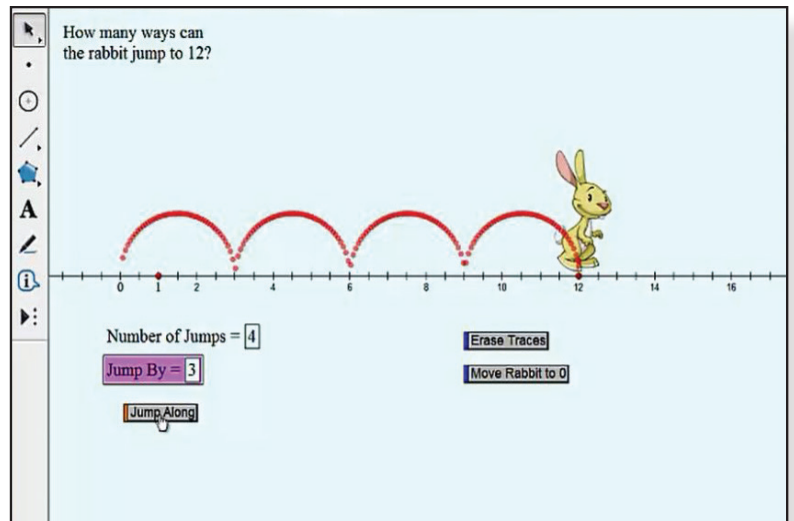




# THE GEOMETER'S SKETCHPAD®

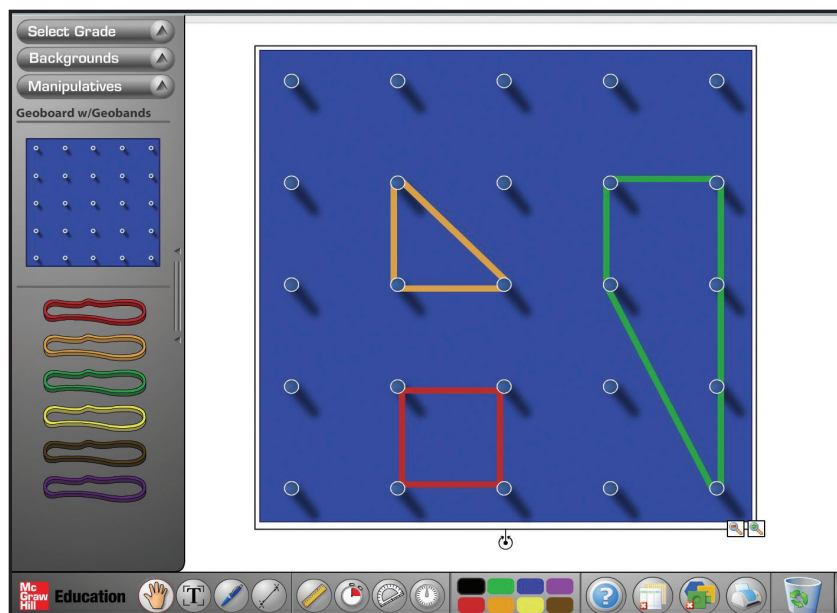
For grades 3 and up, Geometer's Sketchpad can bring *McGraw-Hill My Math* concepts alive with point-of-use sketches within ConnectED.

- ▶ Presentation sketches provide detailed notes for in-class use.
- ▶ Downloadable software for full product access available at: [mheonline.com/sketchpad](http://mheonline.com/sketchpad)



## VIRTUAL MANIPULATIVES

These tools provide digital ways for students to explore concepts. They are provided at point of use in the eBook, allowing students to get the hands on approach to the concept being taught.



# HELPFUL TOOLS FOR HOMEWORK SUCCESS

## Speaker Icon

at the top of the pages provides an audio read of the lessons and Guided Practice problems.

**Check My Progress**

Name \_\_\_\_\_

**Vocabulary Check**

Draw lines to match.

- add** Both addends are the same.
- doubles**  $3 + 4 = 7$
- count on** The number addition number
- addends**  $6 + 8 = 14$

**Concept Check**

Find each sum.

- $7 + 0 = \underline{\quad}$
- $3 + 6 = \underline{\quad}$
- $0 + 7 = \underline{\quad}$
- $6 + 3 = \underline{\quad}$

**See and Show**

You can use addition facts to subtract. **Related facts** have the same three numbers.

$5 + 4 = \underline{\quad}$

$9 - 4 = \underline{5}$        $9 - 5 = \underline{4}$

**Helpful Hint**  
Addition and subtraction are opposite or inverse operations.

**Use the addition facts to subtract.**

- |                              |                              |
|------------------------------|------------------------------|
| $6 + 7 = \underline{\quad}$  | $5 + 7 = \underline{\quad}$  |
| $13 - 6 = \underline{\quad}$ | $12 - 7 = \underline{\quad}$ |
| $13 - 7 = \underline{\quad}$ | $12 - 5 = \underline{\quad}$ |
- |                              |                              |
|------------------------------|------------------------------|
| $5 + 6 = \underline{\quad}$  | $7 + 4 = \underline{\quad}$  |
| $11 - 6 = \underline{\quad}$ | $11 - 4 = \underline{\quad}$ |
| $11 - 5 = \underline{\quad}$ | $11 - 7 = \underline{\quad}$ |

**Talk Math** Explain how addition and subtraction are related.

70 Chapter 1 • Lesson 10

## Math at Home Worksheets

provide family members with information and activities to help their student better understand the chapter.

**MATH at HOME**

Dear Family,  
Today my class started the chapter **Place Value**. In this chapter, I will show numbers as tens and ones. Here is my vocabulary word, an activity we can do, and a list of books we can look for in our local library.

Love, \_\_\_\_\_

**Activity**  
Write fifteen different numbers that are less than 100 on separate pieces of paper. Put the numbers in a sack. Draw a number. Have your child tell how many tens and how many ones are in the number.

**Vocabulary**  
**regroup** to take apart a number to write it in a new way

2 tens 4 ones      1 ten 14 ones

**Online Option** See the multilingual eGlossary link at [connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com) to find out more about these words. There are 13 languages.

**Books to Read**

**100th Day Worries**  
by Margery Cuyler  
Simon & Schuster  
Children's Publishing Co.

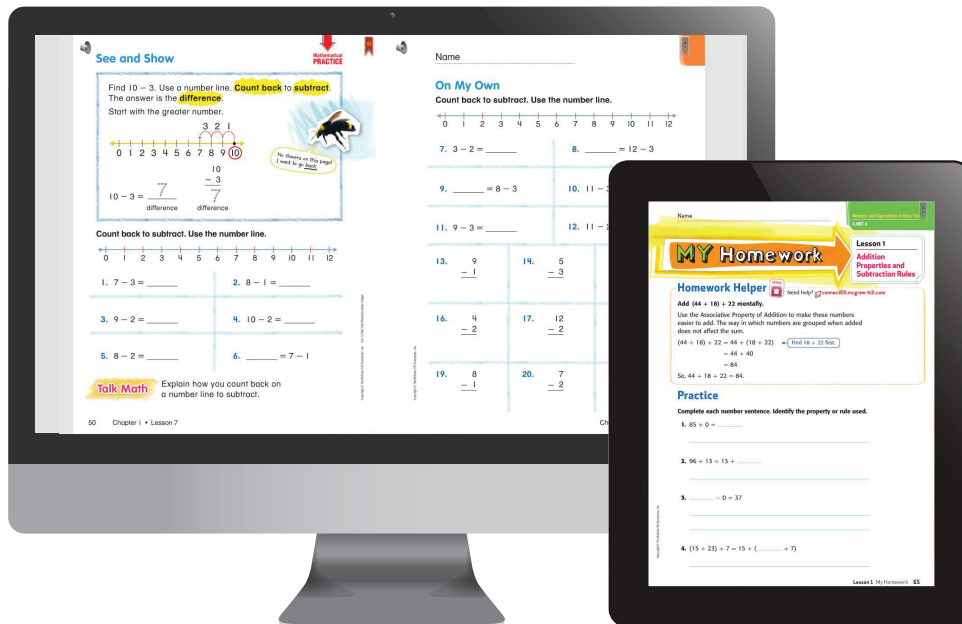
**Betcha!**  
by Stuart J. Murphy  
HarperCollins Children's Books

**Coyotes All Around**  
by Stuart J. Murphy  
HarperCollins Children's Books

Grade 1 • Chapter 5 Place Value

# STUDENT EBOOK AT THEIR FINGERTIPS

Students can find additional resources by clicking on the icons on the bottom of their eBook pages.



## Vocab

Find activities for building vocabulary.



## Watch

Watch animations and videos.



## Tutor

See a teacher illustrate examples and problems for Grades 3-5.



## Tools

Explore concepts with virtual manipulatives.



## Games

Reinforce the lesson's concepts with interactive games.



## Check

Self-assess your progress.



## eHelp

Get targeted homework help.



## Worksheets

Access worksheets.

Download the ConnectED app from your app store.



# McGraw-Hill My Math

## Made For You.

The **Rigor** you need

The **Personalization** you need

The **Student Engagement** you need



**Mc  
Graw  
Hill  
Education**

Contact your representative for more information or visit [mheonline.com/mhmymath](http://mheonline.com/mhmymath)