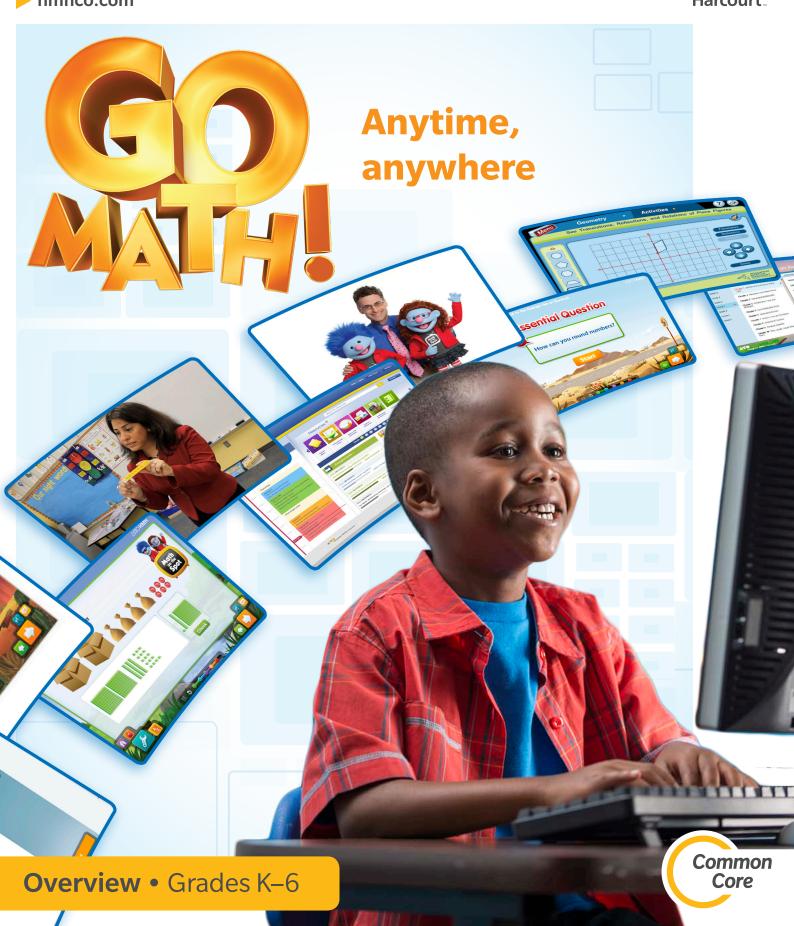
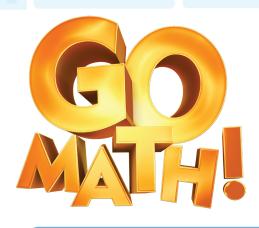


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## Harvard Study Shows Students Improve with **GO Math!**

A research report by the Harvard University Center for Education Policy finds significant positive achievement for students using **GO Math!**.

#### To view the entire report, use this link

http://www.hmhco.com/~/media/sites/home/education/disciplines/mathematics/elementary/go-math/teaching-higher-report.pdf?la=en

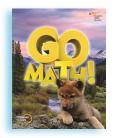
Over the past five years, **GO Math!**® has provided trusted content to over seven million students in every U.S state and 72 countries. We have been busy making our 2015 edition even better by adding exciting new features for students and teachers. **GO Math!** was designed from the ground up to meet the demands of the Common Core State Standards.

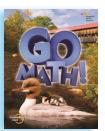
#### GO Math! is:

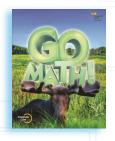
- Focused -- The majority of time is spent on the major work of each grade level. Important connections are made between supporting/additional work and the major work, and there is no extraneous content.
- Coherent -- A carefully designed progression of content within and across grade levels helps students and teachers see the big picture.
- Rigorous -- Throughout the program, you'll find an equal emphasis placed on conceptual understanding, procedural skill and fluency, and application.

**GO Math!** provides all the support you will need for Common Core Success!



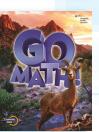










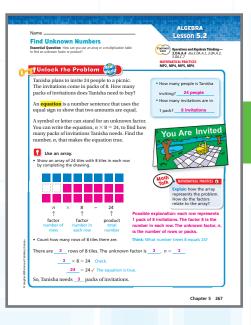


### Access GO Math! 2015 now

**GO Math!** is flexible and has parallel print and digital pathways. No matter what the technology situation is in your classroom, **GO Math!** has an abundance of resources to keep students engaged and on track.







**Print** 

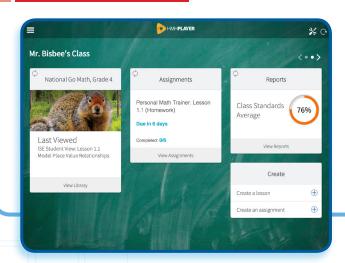
**For Teachers** 



## GO Math! anytime, anywhere

With **GO Math!** 2015, you'll notice that students enjoy more access to digital content and resources than ever before. At the heart of this on-the-go experience lies the *HMH Player*<sup>®</sup>, an all-in-one app for 21st-century learners.

#### **HMH Player**





#### **Work Offline**

Students can download content and assignments, work offline, and then synchronize their work once they are back online.

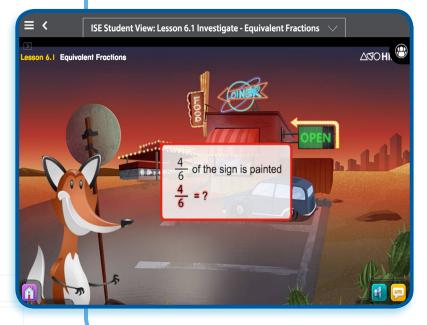
#### **Collaborate**

Students can ask questions and send messages to their teacher.





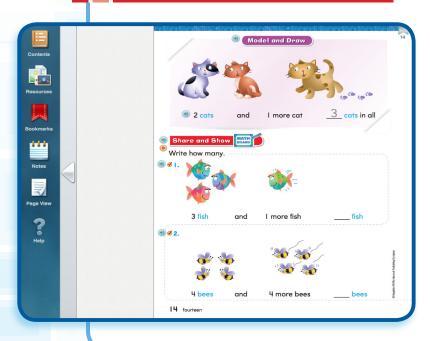
#### **Interactive Student Edition (iSE)**



Students will love this dynamic and fun approach to learning math. The iSE:

- Contains the same mathematical content as the Student Edition eBook but uses different examples
- Delivers access to embedded media, the Personal Math Trainer<sup>®</sup>, and Math on the Spot videos
- Works on many devices and tablets
- Provides parents with the ability to study math alongside their child

#### **Student Edition eBook**



The Student Edition eBook is the online version of the Write-in Student Edition and includes:

- Note-taking and highlighting tools
- Bookmarking
- Online answer recording
- Links to interactive enhancements and digital assessment
- Works on many devices and tablets
- Includes audio for all grade levels

### **GO Math!** motivates students to learn

#### **Student Dashboard**

#### Stay on track:

Keep students on track with access to Things to Do, My Library, and My Scores.

#### **Never lose work:**

Work completed using the *HMH Player* and eStudent Edition synchronizes with the Student Dashboard.







#### **Math on the Spot Videos**

Make learning fun with our dynamic *Math on the Spot* videos, starring program authors, and at K–2, Joey and Jeannie, our *Math on the Spot* puppets. These videos:

- Walk students through solutions to selected problems in the Student Edition
- Provide step-by-step instructions and explanations of key math concepts
- Can be assessed through the Dashboard or on-the-go using QR codes in the Student Edition

#### Real-World Videos (Grades 3-6)

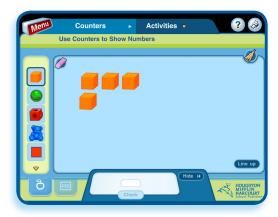
These videos introduce lessons using math in real-world settings.



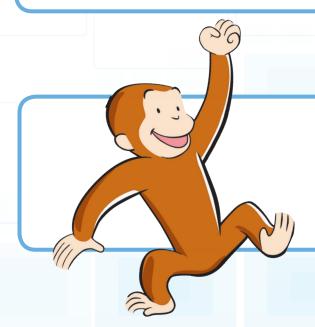
#### **Digital Tools for Online Problem Solving**



**Virtual Tools** (available in the eStudent Edition and Interactive Student Edition) enable students to work through problems at point-of-use.



*iTools* (available from the Student Dashboard) provide virtual manipulatives to help students solve problems.



#### **Animated Math Models**

- Students at Grades K–2 love animated introductions from Curious George.
- Lesson activities, Grades K–6, include audio.

### Mega Math

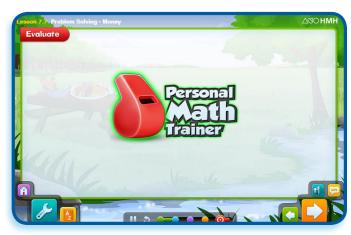
Provides additional lesson practice with engaging activities. Includes audio and animation.



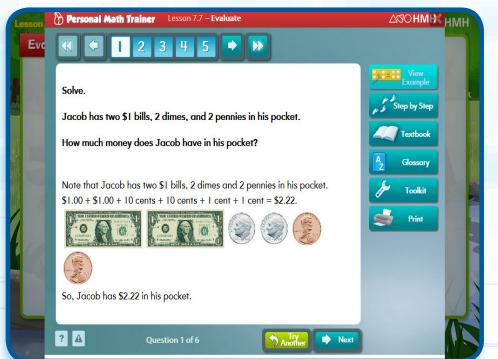
# **GO Math!** personalizes learning (at school and at home!)

The Personal Math Trainer Powered by Knewton™, is the ultimate online, adaptive assessment and personalized learning system for your students. Make practice, intervention, and assessment easy and fun with:

- Pre-built and customizable assignments for homework, tests, and course- and standards-based intervention
- Assessments featuring varied problem types and tech-enhanced problems
- Immediate feedback on practice and homework
- Knewton allows teachers to provide students with timed personalized intervention experiences or personalized warm-up and enrichment experiences that are based on a student's profile as well as individual strengths and weaknesses





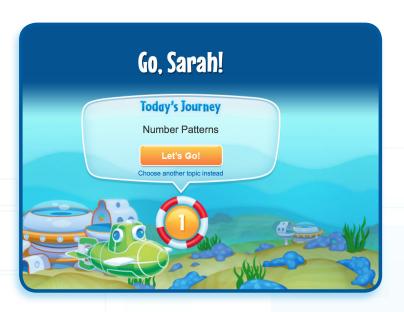


Available learning aids include:

- Guided examples
- Step-by-step solutions
- Video tutorials

# Math practice outside the classroom

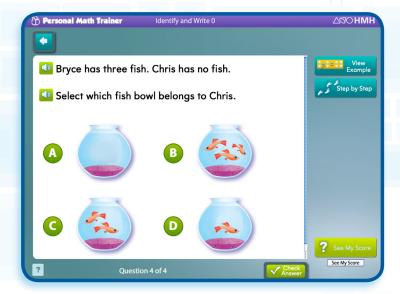
Many students can benefit from having extra practice, review or enrichment outside the classroom. *Go Math! Academy*<sup>®</sup> is an online tool that lets students work independently focusing on skills they want to practice.





Go Math! Academy provides students with:

- Age-appropriate practice problems with step-by-step help
- Over 700 help videos featuring accessible and friendly hosts
- Tips and tutorials
- Games and rewards for extra motivation



Go Math! Academy also promotes parent involvement with a parent dashboard to monitor child progress, as well as a searchable library of help videos available for parent and child viewing.

For more information on purchasing *Go Math! Academy* to support your students at home, contact your Account Executive.

### **GO Math!** builds deep understanding and fluency

## Write-in Student Edition

The **GO Math!** Write-in Student Edition (SE) is based on the 5 E Model of Instruction and delivers the rigor your students need for success on common and state high-stakes assessments. This engaging edition:

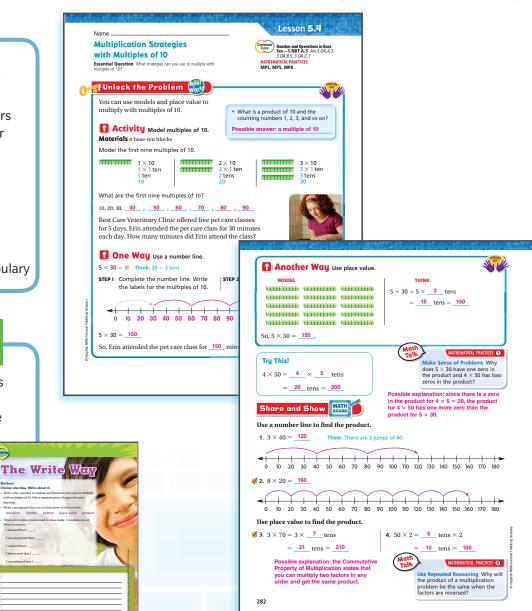
- Contains embedded practice pages
- Now includes games and an increased emphasis on vocabulary

## Vocabulary and Writing Activities

Each chapter of **GO Math!** gives students the opportunity for extra vocabulary practice in the classroom and at home.

Parents and siblings can get in on the fun helping their **GO Math!** students with:

- Vocabulary Cards
- Vocabulary Games
- Writing Activities



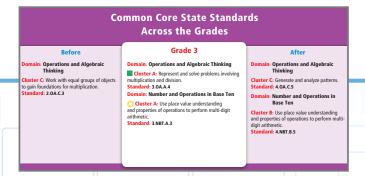
#### S.T.E.M.

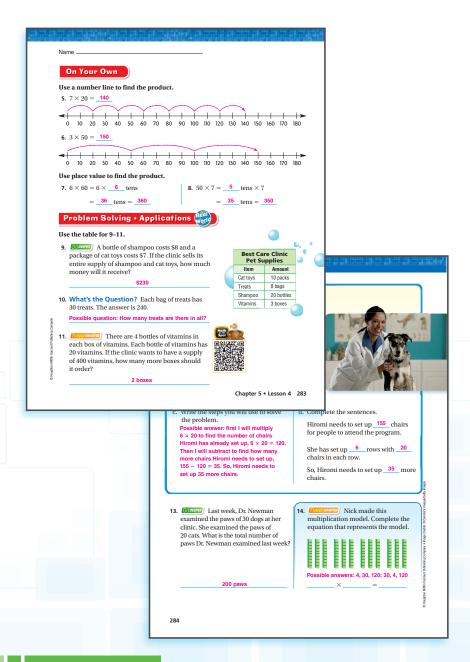
Available online in the Teacher Digital Management Center are STEM activities and worksheets for each chapter.



#### **Learning Progressions**

**GO Math!** fosters coherence within the Content Standards and Learning Progressions. These Learning Progressions allow you an opportunity to clearly see how the standards you teach in your classroom are related to those taught in other grade levels.





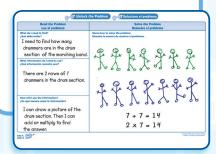
## Access to Digital Resources

Students can scan QR codes in the Write-in Student Edition to access engaging *Math on the Spot* videos for every lesson.



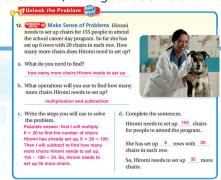
#### Bilingual MathBoard

- Write-on/wipe-off, available for each grade, K-6
- Helps students organize their thinking
- Enables students to engage in the Mathematical Practices and supports Math Talk



#### **Problem Types**

**GO Math!** lessons include the various types of story problems and problem-solving situations for students to solve, throughout **GO Math!**.



Unknown Product; Difference Unknown

## Strategies and Practice for Skills and Facts Fluency

Available online as part of the Teacher Digital Management Center are blackline masters to help students achieve fact fluency. Included are:

- Basic Facts Strategies
- Basic Facts Workshop
- Basic Facts Practice Sheets

### **GO Math!** transforms planning and teaching

**GO Math!** Digital lets you choose how you'll spend your time—on planning, on instruction, on assessment, and on intervention. Our flexible content and resources adapt to fit the needs of your busy classroom so you'll be free to spend your energy where your students need it most.



As your students work, practice, and collaborate using the *HMH Player*, we've built in special features just for you. The *HMH Player* provides teachers with a practical solution for working on the go. The Download Manager allows you to access content without an internet connection.

#### Plan



You can use the *HMH Player* ePlanner to:

- Plan your classes
- Create and view assignments
- Access all resources with customizable planning tools

#### Manage



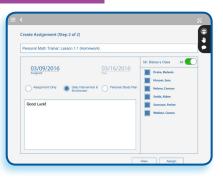
- Create customized content and lessons
- Link to related content or resources
- Present interactive lessons in class right from the interactive whiteboard

#### **Collaborate**



 Respond to student messages and "raised hands" when using the Classroom Collaboration feature

#### **Assign**

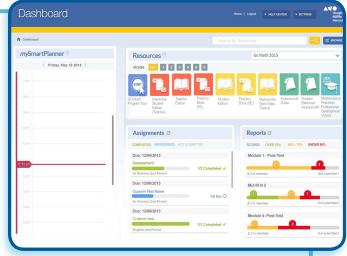


 Assign content to students for online/offline work

#### **Teacher Dashboard**

The Teacher Dashboard is your one-stop solution for easy access to a variety of resources:

- eTeacher Edition
- Reports
- Assignments
- Professional Development Videos
- mySmartPlanner—save notes for each class!
- Presentation tools



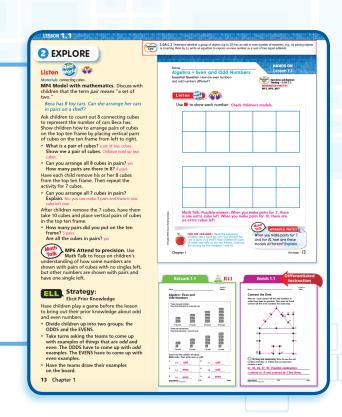
#### Save time. Use the Dashboard.

Along with all student work and grades, all work performed in the *HMH Player* is automatically synced with the Teacher Dashboard.

#### **Teacher Edition Online**

The Teacher Edition Online is based on the 5E Model of Instruction and provides strong instructional support with:

- Questioning strategies
- Teaching tips
- Resources for differentiated instruction
- Additional activities
- Professional Development videos, and more



# **GO Math!** keeps students moving in the right direction

With **GO Math!**, you'll find that robust, real-time assessment and intervention is just a page or a click away.



#### **Assessment**

Diagnostic, formative, and summative assessment have been incorporated into both print Student Editions and the **Personal Math Trainer Powered by Knewton.** 

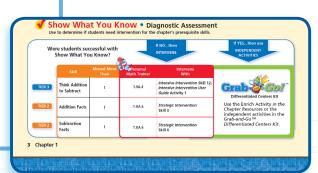


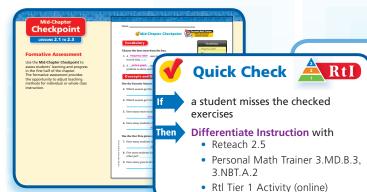
#### **Diagnostic**

**Show What You Know** is connected to special intervention and challenge resources and helps you answer questions like:

Are my students prepared for this chapter?

Do my students need intensive or strategic intervention?



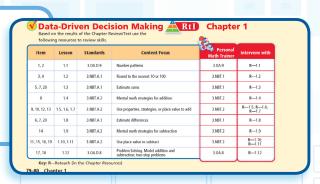


#### **Formative**

Rtl Quick Checks and Mid-Chapter Checkpoints help you monitor and assess student learning and understanding and adjust your instruction accordingly.



Use the **Data-Driven Decision Making** chart to provide intervention to students who haven't mastered chapter objectives.





You'll find intervention tools in our robust **Personal Math Trainer** and built into the program itself.

## Personal Math Trainer



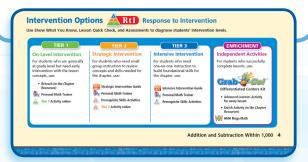
#### **Customized Assignments**

Choose from thousands of items, correlated and searchable by lesson, Common Core State Standard, and Depth of Knowledge.

#### Rtl Support at Every Level

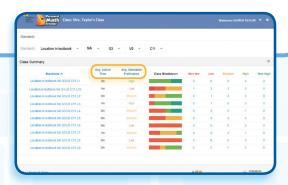
Comprehensive Rtl support improves learning and **GO Math!** provides three options for intervention at each tier:

- Print support
- Focused, hands-on activities
- Comprehensive online support with the **Personal Math Trainer**



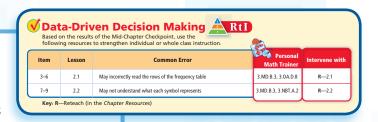
#### **Instant Reporting**

Use the reporting tool within the **Personal Math Trainer** to learn where your students struggle and where they excel—by student, class, standard, and book structure.



#### Targeted Recommendations

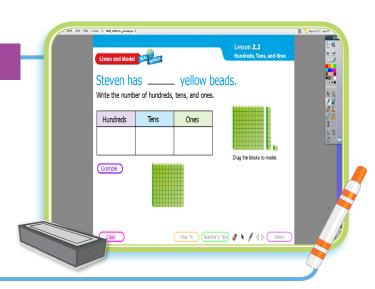
Use the **Personal Math Trainer** to target individual needs with personalized intervention assignments, built with content up to two grades below level and designed to support each Rtl tier.



Use **GO Math! Personal Math Trainer** to tailor your instruction to meet the needs of every student

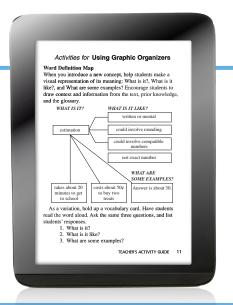
#### **Interactive Whiteboard Lessons**

- Provide rich and engaging learning experiences
- Encourage active participation throughout the lesson
- Available for every lesson in GO Math!



#### Vocabulary Activities Teacher Guide

- Contain activities for introducing, practicing, and reinforcing math vocabulary
- Increase student comprehension and learning
- Help students read words with ease in lessons, in word problems, and on standardized tests
- Also available in print





# **GO Math!** offers ready-made differentiated resources

We've organized our teacher collections by chapter to let you move easily between the program and the resources you'll need for classroom instruction. Chapter books for both Teacher Editions and Chapter Resources also provide you with the organization and flexibility to teach concepts and skills in a customized order.

#### **Teacher Edition**

- Lighten your load with separate chapter books, color- coded by critical area
- Organized and flexible
- Includes "Learning Progressions and the Common Core Standards Across the Grades" chart at the beginning of every chapter

#### **Planning Guide**

- Chapter Planners with Common Core correlations
- Pacing and time spent on major work
- Additional end-of-year planning resources

#### **Chapter Resource Books**

- Multi-volume teacher resources available for every chapter
- Contain a variety of resources including: assessments and answer keys, school-home letter, vocabulary game directions, daily enrichment activities, reteach intervention for every lesson, and chapter performance tasks

## **Grab-and-Go® Differentiated Centers Kit**



- Instant activities, games, and literature for each lesson, K–6
- Opens to 42" x 25"

#### Grab-and-Go Manipulative Kits



- Hands-on manipulatives bring lessons and content to life
- Available in classroom and custom kit sizes

### **GO Math!** empowers all educators

**GO Math!** offers Professional Development resources to meet a variety of needs for educators with busy schedules.

For self-paced development, math practices, and PD videos are available. For more in-depth development, our specialists have rich product knowledge plus classroom expertise to provide you with the support you need for successful implementation.

## Common Core Math Practices Professional Development Videos

- Videos with strategies for teaching Mathematical Practices
- Available for mobile devices and tablets



#### **Professional Development Videos**

- Videos containing general strategies for teaching concepts and skills
- Available for mobile devices and tablets



#### Professional Development Performance Tasks Videos

- Videos containing strategies for working with students in solving performance tasks
- Available for mobile devices and tablets



#### **Advanced Implementation Workshops**

- For schools looking for follow-up professional development to improve best practices for instruction and applied knowledge
- Professional Development Specialists guide you through Action Planning to ensure your learning goals are identified and met

## Professional Learning from Math Solutions



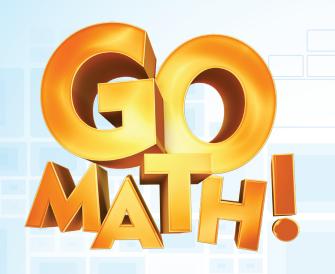
**Math Solutions** courses and coaching services are available to help teachers take **GO Math!** instruction to a deeper level of understanding.

With a focus on improving math content and pedagogical knowledge, **Math Solutions** instructional experts will provide onsite courses as well as individual and team coaching to meet district goals aligned to state standards.

Onsite courses range from Foundational to Grade-Level Content to Instructional Strategies

Learn more at hmhco.com\mathsolutions 866.399.6019





#### **GO! Online and take a peek!**

#### Get connected in just five easy steps:

- 1. Visit www-k6.thinkcentral.com and click Evaluators Click Here; click Register.
- 2. Enter the access word: GOMATH15K6 and click Next.
- 3. Enter your contact information and click Register.
- 4. Select a role (e.g., teacher) and click Login.
- 5. Navigate through the Dashboard introduction for access to GO Math!.



#### **Program Components**

#### **For Students**

Write-in Student Edition

Bilingual MathBoard

Grab-and-Go!® Manipulatives Kit

#### **For Teachers**

**Teacher Edition Chapter Books** 

**Chapter Resource Books** 

Planning Guide

Grab-and-Go Differentiated Centers Kit

iTools

#### **Cutting-Edge Technology**

**HMH Player** 

**Personal Math Trainer** 

Interactive Student Edition (includes **Personal Math Trainer Powered by** 

Knewton)

Student Edition eBook

Student Dashboard

Math on the Spot Videos

Real-World Videos

Virtual Tools

**Animated Math Models** 

Mega Math

Teacher Dashboard

**Teacher Edition Online** 

Interactive Whiteboard Lessons

**Professional Development Videos** 

**Common Core Math Practices** Professional Development Videos

**Professional Development** Performance Tasks Videos

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