

¡VIVAN LAS MATEMÁTICAS!

GO MATH!

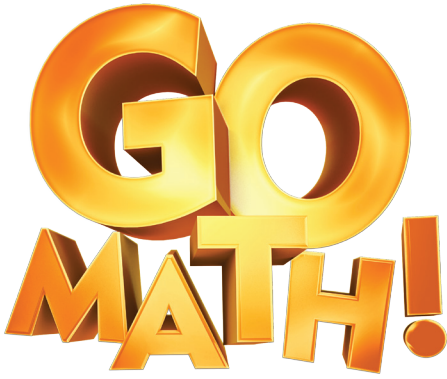
Anytime,
anywhere



Overview • Grados K–6

Common
Core

¡VIVAN LAS MATEMÁTICAS!



Harvard Study Shows Students Improve with *¡Vivan las matemáticas! (GO Math®)*

A research report by the Harvard University Center for Education Policy finds significant positive achievement for students using *¡Vivan las matemáticas!*

To view the entire report, use this link:

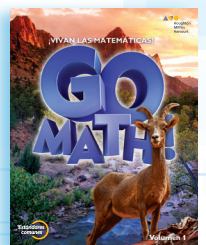
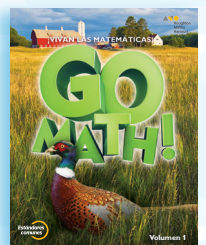
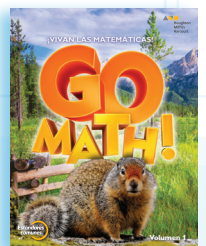
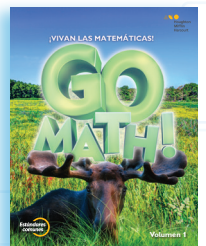
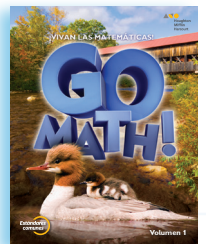
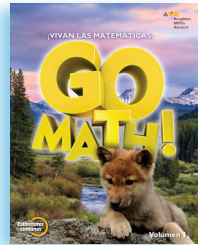
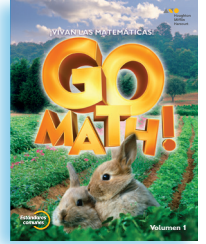
<http://www.hmhco.com/~media/sites/home/education/disciplines/mathematics/elementary/go-math/teaching-higher-report.pdf?la=en>

Over the past five years, *¡Vivan las matemáticas!* 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. *¡Vivan las matemáticas!* was designed from the ground up to meet the demands of the Common Core State Standards.

¡Vivan las matemáticas! 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.

¡Vivan las matemáticas! provides all the support you will need for Common Core Success!



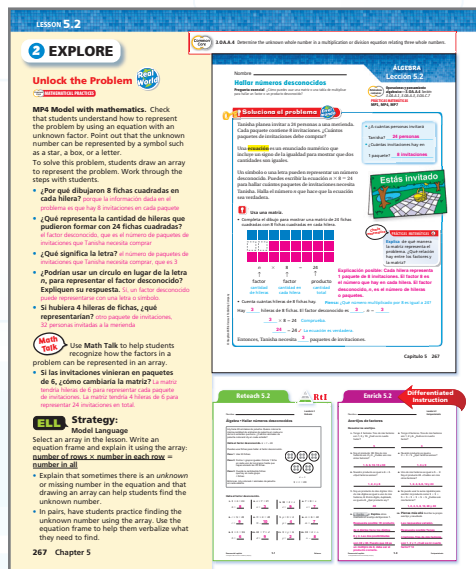
Access ¡Vivan las matemáticas! now

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

Digital



Print



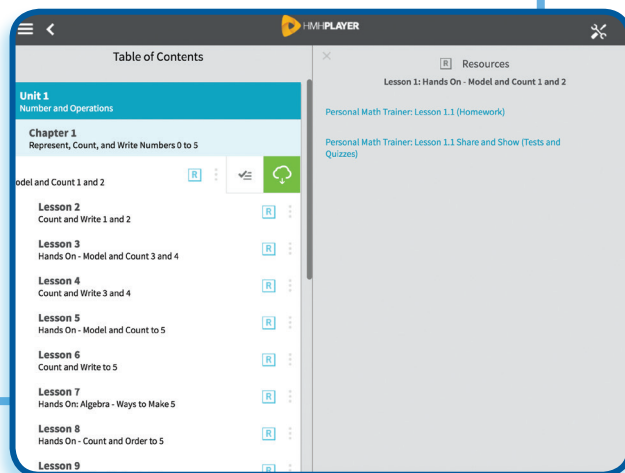
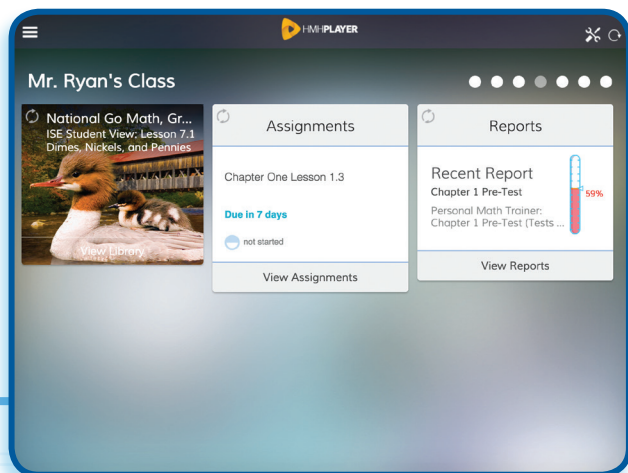
For Teachers



¡Vivan las matemáticas! anytime, anywhere

With **¡Vivan las matemáticas!**, 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*[®], 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.



HMHPLAYER[®]
Making 1:1 Learning a Reality



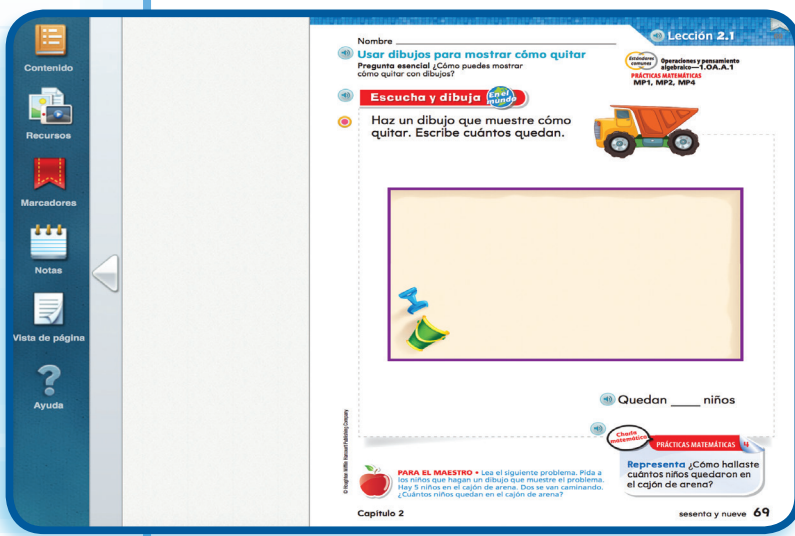
Spanish Interactive Student Edition (iSE)



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 **Entrenador personal en matemáticas (Personal Math Trainer®)**, and *Math on the Spot* videos
- Works on many devices and tablets
- Provides parents with the ability to study math alongside their child

Spanish 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

¡Vivan las matemáticas! motivates students to learn

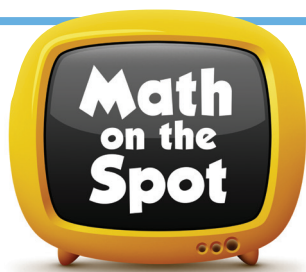
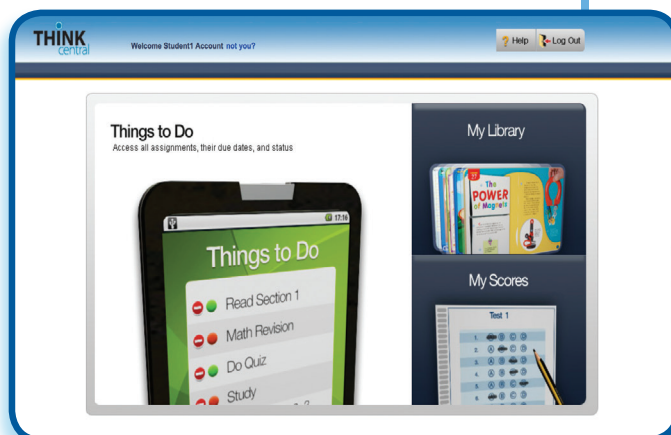
Student Dashboard

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.



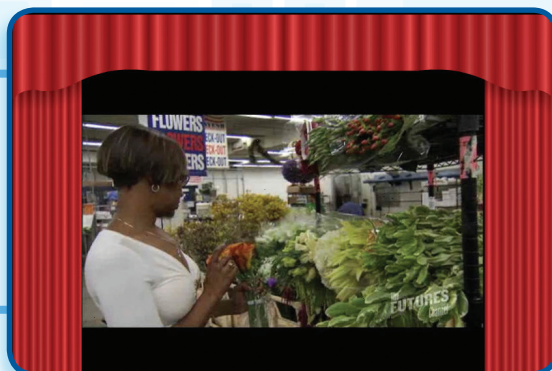
Spanish Math on the Spot Videos

Make learning fun with our dynamic Spanish *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 accessed through the Dashboard or on-the-go using QR codes in the Spanish 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 Spanish Student Edition eBook and Spanish Interactive Student Edition) enable students to work through problems at point-of-use.



Spanish 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.

Spanish Mega Math

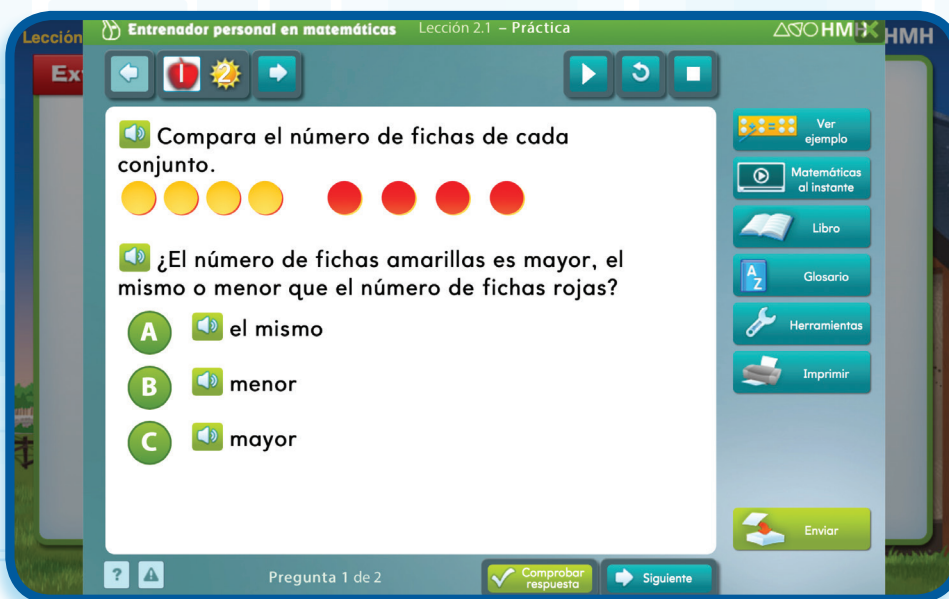
Provides additional lesson practice with engaging activities. Includes Spanish audio and animation.



¡Vivan las matemáticas! personalizes learning (at school and at home!)

The **Entrenador personal en matemáticas** 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 that correspond to problems on high stakes assessments
- 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

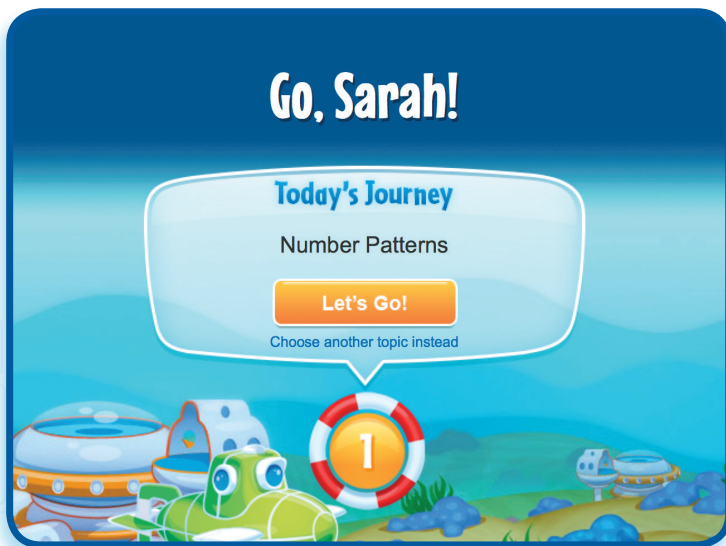


Available learning aids include:

- 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*® 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 relatable 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.

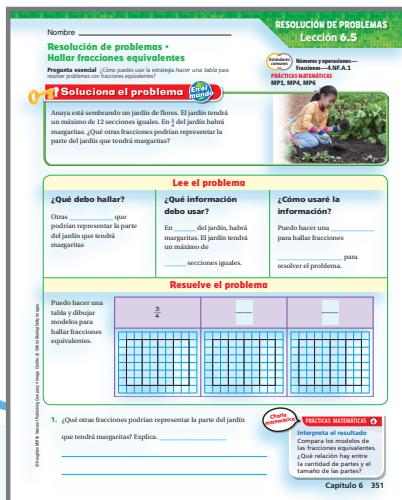
For more information on purchasing *Go Math! Academy* to support your students at home, contact your Account Executive.

¡Vivan las matemáticas! builds deep understanding and fluency

Write-in Student Edition

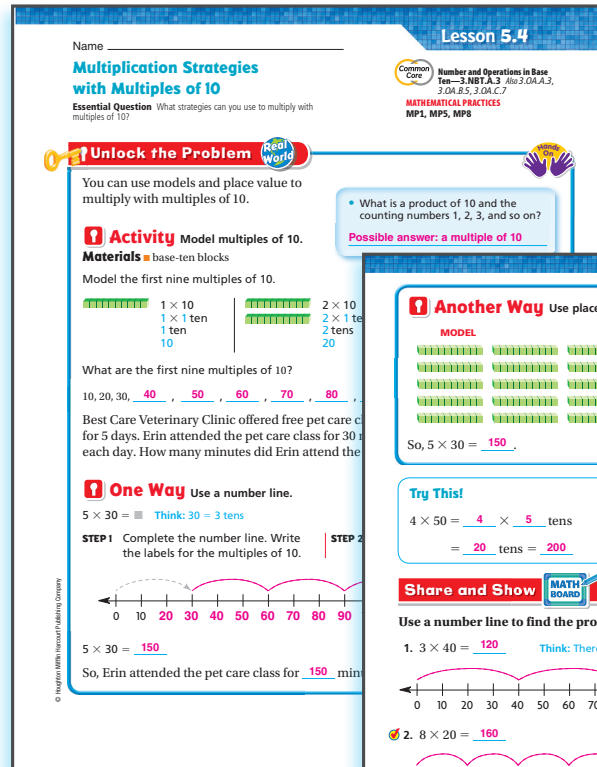
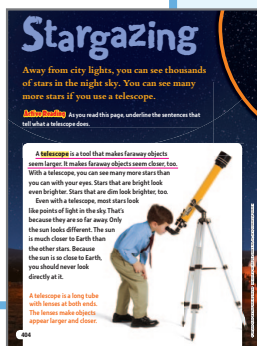
The **¡Vivan las matemáticas!** Write-in Student Edition (SE) is based on the 5 E Model of Instruction and delivers the rigor your students need for success on common and state high-stakes assessments. This engaging edition:

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



S.T.E.M.

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

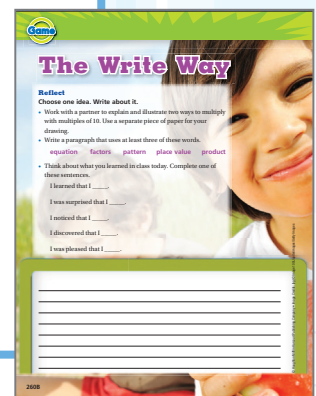


Vocabulary and Writing Activities

Each chapter of **¡Vivan las matemáticas!** 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 **¡Vivan las matemáticas!** students with:

- Vocabulary Cards
- Vocabulary Games
- Writing Activities



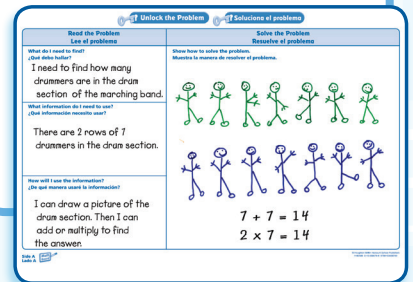
Access to Digital Resources

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



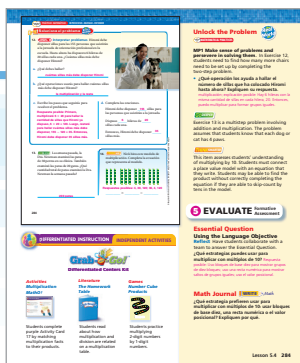
Bilingual MathBoard

- 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

¡Vivan las matemáticas! lessons include the various types of story problems and problem-solving situations for students to solve, throughout *¡Vivan las matemáticas!*.



Strategies and Practice for Skills and Facts Fluency

Blackline masters—available online as part of the Teacher Digital Management Center—are provided to help students achieve fact fluency. Included are:

- Basic Facts Strategies
- Basic Facts Workshops
- Basic Facts Practice Sheets

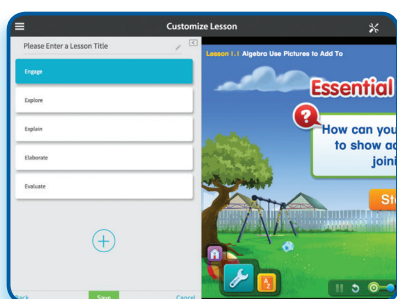
¡Vivan las matemáticas! transforms planning and teaching

¡Vivan las matemáticas! 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.

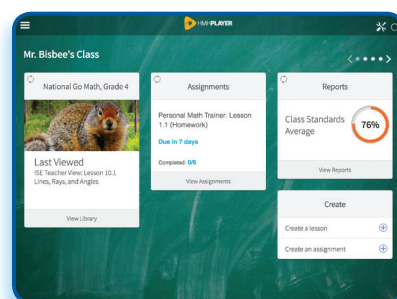
Plan



You can use the *HMH Player* ePlanner to:

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

Manage



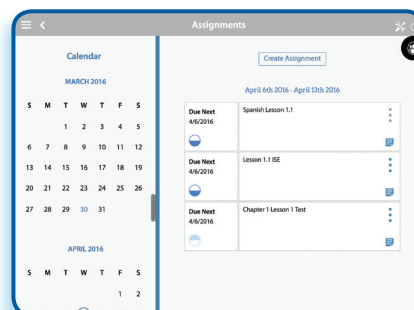
- Create customized content and lessons
- Link to related content or resources
- Present interactive lessons in class—right from the interactive whiteboard

Collaborate



- Respond to student messages and “raised hands” when using the Classroom Collaboration feature.

Assign

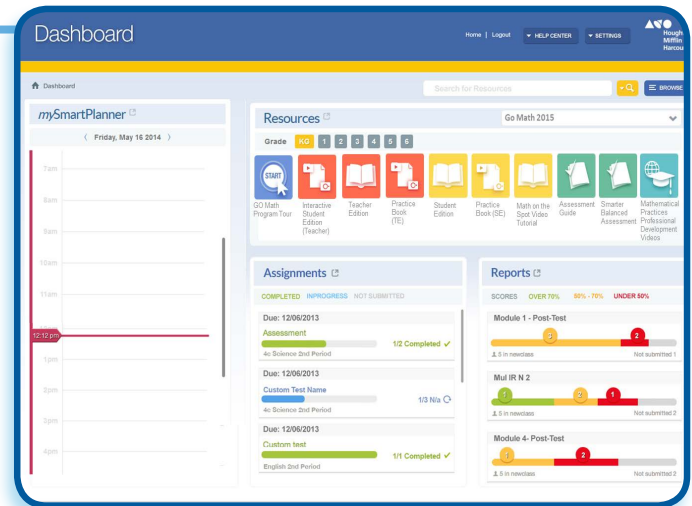


- Assign content to students for online/offline work

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



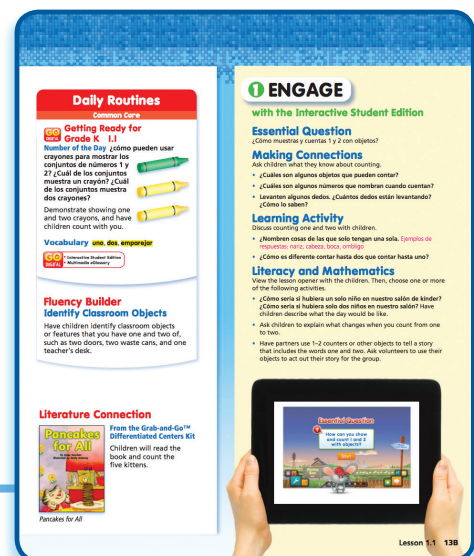
Save time. Use the Dashboard.

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

Spanish Teacher Edition Online

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

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



¡Vivan las matemáticas! keeps students moving in the right direction

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

Assessment

Diagnostic, formative, and summative assessment has 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?

Show What You Know • Diagnostic Assessment
Use to determine if students need intervention for the chapter's prerequisite skills.

Were students successful with Show What You Know?

SKILL	Missed More Than	Personal Math Trainer	Intervene with
TIER 3 Think Addition to Subtract	1	1.OA.4	Intensive Intervention Skill 12: Intensive Intervention User Guide Activity 1
TIER 2 Addition Facts	1	1.OA.6	Strategic Intervention Skill 3
TIER 2 Subtraction Facts	1	1.OA.6	Strategic Intervention Skill 4

3 Chapter 1

Grab & Go!
Differentiated Centers Kit
Use the Enrich Activity in the Chapter Resources or the independent activities in the Grab-and-Go™ Differentiated Centers Kit.

Mid-Chapter Checkpoint
LESSONS 2.1 to 2.3

Formative Assessment
Use the Mid-Chapter Checkpoint to assess students' learning and progress in the first half of the chapter. The formative assessment provides the opportunity to adjust teaching methods for individual or whole class instruction.

Quick Check **RtI**

If a student misses the checked exercises

Then **Differentiate Instruction** with

- Reteach 2.5
- Personal Math Trainer 3.MD.B.3, 3.NBT.A.2
- RtI Tier 1 Activity (online)

Formative

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

Summative

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

Data-Driven Decision Making **RtI** Chapter 1
Based on the results of the Chapter Review/Test use the following resources to review skills.

Item	Lesson	Standards	Content Focus	Personal Math Trainer	Intervene with
1, 2	1.1	3.OA.D.9	Number patterns	3.OA.9	R—1.1
3, 4	1.2	3.NBT.A.1	Rounded to the nearest 10 or 100	3.NBT.1	R—1.2
5, 7, 20	1.3	3.NBT.A.1	Estimate sums	3.NBT.1	R—1.3
8	1.4	3.NBT.A.2	Mental math strategies for addition	3.NBT.2	R—1.4
9, 10, 12, 13	1.5, 1.6, 1.7	3.NBT.A.2	Use properties, strategies, or place value to add	3.NBT.2	R—1.5; R—1.6; R—1.7
6, 7, 20	1.8	3.NBT.A.1	Estimate differences	3.NBT.1	R—1.8
14	1.9	3.NBT.A.2	Mental math strategies for subtraction	3.NBT.2	R—1.9
11, 15, 16, 19	1.10, 1.11	3.NBT.A.2	Use place value to subtract	3.NBT.2	R—1.10; R—1.11
17, 18	1.12	3.OA.D.8	Problem Solving: Model addition and subtraction, two-step problems	3.OA.8	R—1.12

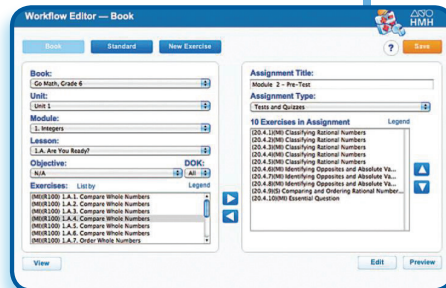
Key: R—Reteach (in the Chapter Resources)
79-80 Chapter 1

Intervention

You'll find intervention tools in our robust **Entrenador personal en matemáticas** and built into the program itself.



Entrenador personal en matemáticas®



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 **¡Vivan las matemáticas!** provides three options for intervention at each tier:

- Print support
- Focused, hands-on activities
- Comprehensive online support with the **Entrenador personal en matemáticas**

Intervention Options Response to Intervention

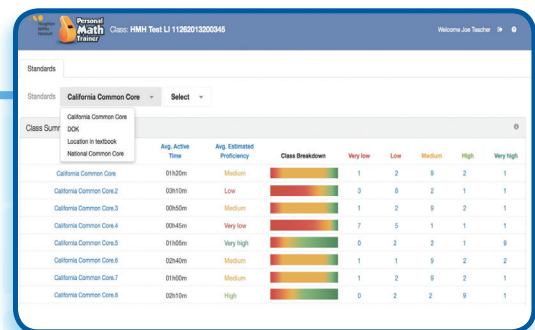
Use Show What You Know, Lesson Quick Check, and Assessments to diagnose students' intervention levels.

TIER 1	TIER 2	TIER 3	ENRICHMENT
On-Level Intervention For students who are generally at grade level but need early intervention with the lesson concepts, use: • Reteach in the Chapter Resources • Personal Math Trainer • Tier 1 Activity online	Strategic Intervention For students who need small group instruction to review concepts and skills needed for the chapter, use: • Strategic Intervention Guide • Personal Math Trainer • Prerequisite Skills Activities • Tier 2 Activity online	Intensive Intervention For students who need one-on-one instruction to build foundational skills for the chapter, use: • Intensive Intervention Guide • Personal Math Trainer • Prerequisite Skills Activities	Independent Activities For students who successfully complete lessons, use: • Grab & Go! • Differentiated Centers Kit • Advanced Learners Activity for every lesson • Enrich Activity in the Chapter Resources • Math Mega Math

Addition and Subtraction Within 1,000 4

Instant Reporting

Use the reporting tool within the **Entrenador personal en matemáticas** to learn where your students struggle and where they excel—by student, class, standard, and test item.



Targeted Recommendations

Use the **Entrenador personal en matemáticas** to target individual needs with pre-populated intervention assignments, built with content up to two grades below level and designed to support each Rtl tier.

Data-Driven Decision Making

Based on the results of the Mid-Chapter Checkpoint, use the following resources to strengthen individual or whole class instruction.

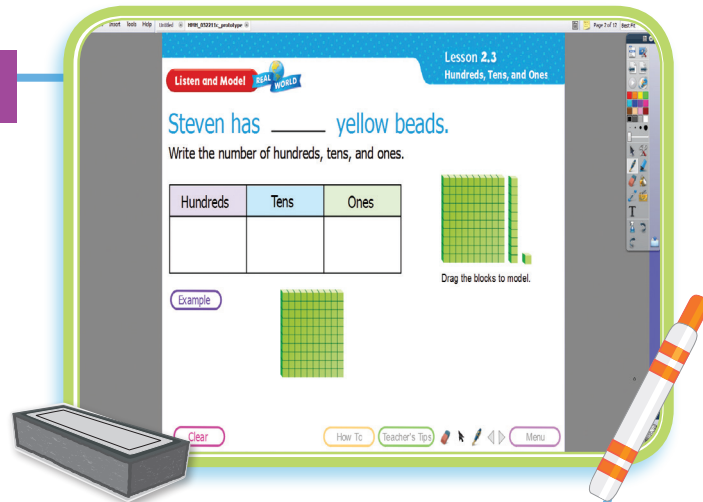
Item	Lesson	Common Error	Personal Math Trainer	Intervene with
3-6	2.1	May incorrectly read the rows of the frequency table	3.MD.B.3, 3.OA.D.8	R—2.1
7-9	2.2	May not understand what each symbol represents	3.MD.B.3, 3.NBT.A.2	R—2.2

Key: R—Reteach (in the Chapter Resources)

Use the Entrenador personal en matemáticas to tailor your instruction to meet the needs of every student

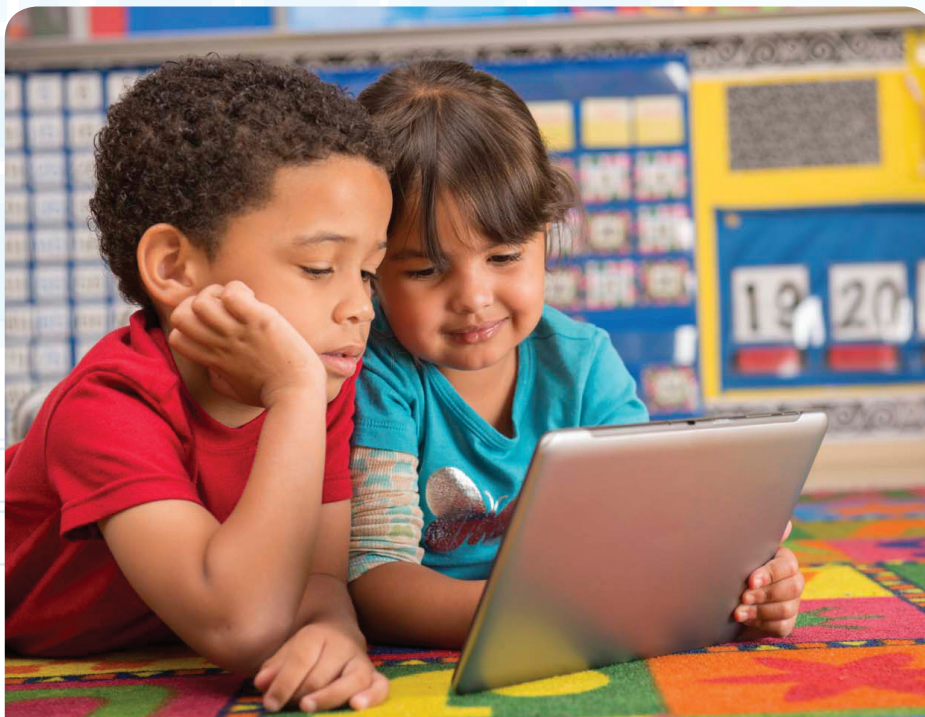
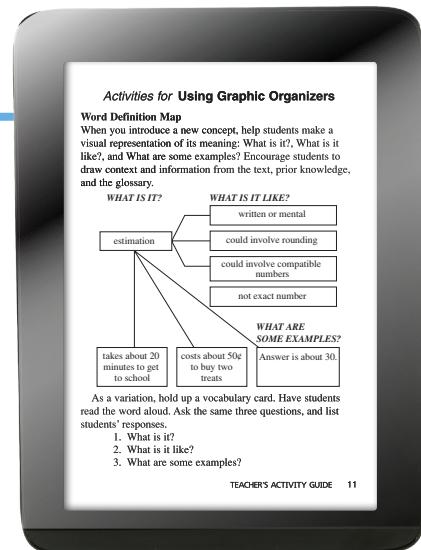
Interactive Whiteboard Lessons

- Provide rich and engaging learning experiences
- Encourage active participation throughout the lesson
- Available for every lesson in *¡Vivan las matemáticas!*



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



¡Vivan las matemáticas! 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.

Spanish Teacher Edition

- Lighten your load with separate chapter books, color-coded by critical area
- Organized and flexible

Spanish Planning Guide

- Chapter Planners with Common Core correlations
- Additional end-of-year planning resources

Spanish 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

Spanish Grab-and-Go!® Differentiated Centers Kit



- Activities, games, and literature for each lesson, K–6, can be found in an instant.
- 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

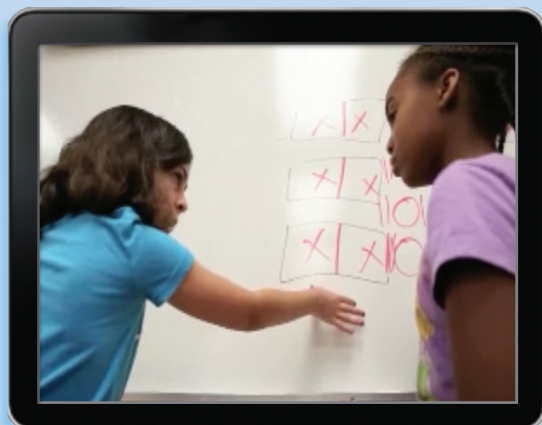
¡Vivan las matemáticas! empowers all educators

¡Vivan las matemáticas! 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.

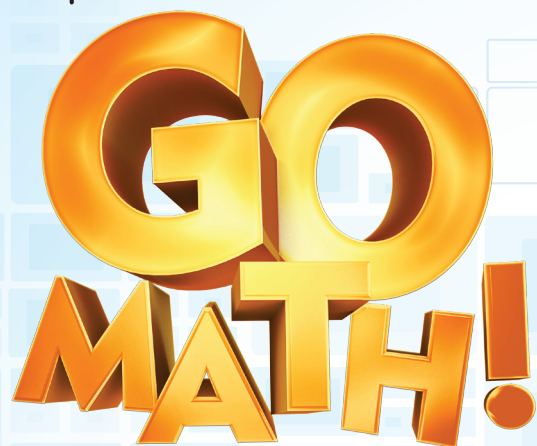
With a focus on improving math content and pedagogical knowledge, **Math Solutions** instructional experts will provide onsite courses as well as individual and team coaching to meet district goals aligned to state standards.

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

Learn more at hnhco.com/matholutions
866.399.6019



¡VIVAN LAS MATEMÁTICAS!



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: **GOMATH15K6SP** 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

Spanish Write-in Student Edition
Bilingual MathBoard
Grab-and-Go! Manipulative Kit

For Teachers

Spanish Teacher Edition Chapter Books
Spanish Chapter Resource Books
Spanish Planning Guide
Spanish Grab-and-Go! Differentiated Centers Kit

21st-Century Technology

HMH Player

Spanish **Personal Math Trainer**

Spanish Interactive Student Edition
(includes **Personal Math Trainer**)

Spanish Student Edition eBook

Student Dashboard

Spanish *Math on the Spot* Videos

Real-World Videos

Virtual Tools

Spanish *iTools*

Animated Math Models

Spanish Mega Math

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Interactive Whiteboard Lessons

Professional Development Videos

Common Core Math Practices

Professional Development Videos

Professional Development Performance Tasks Videos

Connect with us:



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