



**Houghton Mifflin Harcourt**

**PRE-K-12  
INTERNATIONAL SOLUTIONS GUIDE**

[hmhco.com/international](http://hmhco.com/international)

A photograph of a female teacher with glasses and a black vest over a white shirt, leaning over a desk to assist a young female student. The student is wearing a white shirt and a grey and white plaid apron, and is looking at a tablet computer. The background is a blurred classroom with other students and colorful decorations.

**Welcome to Your  
Houghton Mifflin  
Harcourt**

# **International Solutions Guide**

In this guide, you'll find the latest solutions that Houghton Mifflin Harcourt® can offer your school. Whether you're in need of a full curriculum, or targeted intervention to help teachers close the achievement gap for struggling learners, HMH® products and solutions are designed to reach every learner.

We've created this easy-to-use guide to help chart your path to success. Simply choose the ideal program type that suits YOUR unique classroom's needs to find the Houghton Mifflin Harcourt solution that fits your curriculum.

To find out more about HMH's world-class solutions and how they can fit into your learning world, including information on those not featured within this guide, please reach out to your dedicated HMH representative.

# International Solutions Guide

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# HMH International

## Where the World Learns

Nowadays, learning is taking place at school, at home, or a combination of the two. Flexibility is crucial to success. While teaching and learning may look different every day, educators and students can succeed no matter where they are, when they have access to intuitive technology that works *for* and *with* them.

For students, digital learning must reach and engage. For teachers, ease of use and training on effective use of technology is a must. For parents, their child's virtual learning must be accessible in supporting school/home connections.

Think Digital *First* with HMH and experience a new way of teaching and learning. With access to your choice of resources, support, and services under one provider, educators are enabled to think outside the box and prepare for success in a new era of education.



We're here to tailor solutions to best meet the unique needs of your school. Contact your HMH Account Representative today and discover how we can help your school generate the strongest results possible.



## Our Approach: A Collaborative Partnership

### One Size Doesn't Fit All

We know that each school has its own DNA—the students, staff, and culture that make each unique—and that the challenges they face are often complex, spanning multiple areas of need.

That's why we provide tailored solutions that leverage the expertise and resources of all applicable ICLE leadership focus areas, each supported by expert practitioners who know firsthand what leadership, instruction, and learning improvement look like.

### ICLE LEADERSHIP FOCUS AREAS

- ▶ **Leadership for Rigorous Learning**  
Building a Culture to Support Instructional Excellence
- ▶ **Digital Leadership & Learning**  
Embracing Technology to Support Rigorous Learning
- ▶ **Systemwide Support for English Learners**  
Preparing ELs for College and Career Success
- ▶ **Exceeding Expectations: Instruction & Intervention Systems**  
Ensuring High Levels of Learning for All Students
- ▶ **Creating a Culture of Literacy**  
Building Literacy Skills for a Lifetime of Learning

### Reaching Common Goals

All of our leadership work—across all focus areas—centers on creating a culture, building instructional leadership capacity, and using data to drive decision-making.

# Professional Learning

## Foundational Teacher Training Portfolio

These courses focus on actionable strategies to improve and sustain instructional excellence, and address challenges such as increasing staff turnover, supporting new teachers, and ensuring all teachers have a strong foundation for success.

## Fundamental Strategies for English Language Teaching Portfolio

In these workshops, participants learn relevant information on key areas of English language teaching in a space to explore ideas for designing and developing meaningful learning opportunities for EL students.

## HMH International STEM Academy

In these sessions, STEM teachers learn innovative strategies that will build instructional strength through inquiry and immersion in the student experience. Become a certified STEM innovator teacher upon completion of your learning experience.

## Coaching

HMH Coaching is designed to provide ongoing in-class coaching for teachers and school leaders. No need for substitute teachers or off-site trainings. Our coaching is designed to be in your authentic environment and for your unique students. Coaching is highly customized and is a partnership for success.





## About Heinemann

For over 40 years, Heinemann's expert authors and consultants have strived to provide world-class professional learning experiences. Heinemann strives to give voice to those who share our respect for the professionalism and compassion of teachers. From Professional Books, to Curricular Resources, to On-Demand Professional Courses, we support teachers' efforts to help children become literate, empathetic, knowledgeable citizens. World-renowned authors such as Irene Fountas, Gay Su Pinnell, Lucy Calkins, Jennifer Serravello, Robert Probst, Kyrene Beers, and many more are exemplary educators eager to support the practice of other teachers through books, videos, workshops, online courses, and explicit teaching materials.

For a comprehensive view of Heinemann's International offerings, please contact your HMH Account Representative to request a catalog.







Our core **mathematics** programs range from traditional pedagogy to internationally recognized Singaporean methodology—all standards-aligned and designed for 21<sup>st</sup>-century success.

Early math instruction builds foundations in numeracy. With each progressive grade, students deepen understanding. As students move toward secondary grade-level math, the math itself does not become harder, but rather, the required complexity of thinking becomes more challenging as they progress to algebra and higher math.

## My Ideal Core Mathematics Program

Includes embedded growth mindset tasks and explicit social-emotional instruction to build critical thinking skills and encourage productive perseverance.



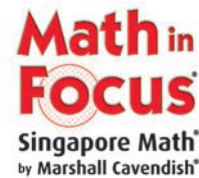
Is rooted in inquiry-based instruction emphasizing concepts, fluency, and understanding through activities and discovery.



Is a blended approach combining direct instruction and inquiry-based methods that emphasize deep conceptual understanding of fluency in a focused and coherent manner.



Is a carefully sequenced curriculum that builds conceptual understanding, skills, and mathematical practices to mastery, combining elements of direct instruction and discovery learning.



Is incrementally structured, presents content using traditional algorithms, and emphasizes procedure in a highly structured, spiral, distributed manner.



Provides coherent, focused, and rigorous standards-based high school math instruction through a blended learning approach.



Is a comprehensive, integrated approach to high school math instruction that is focused, balanced, and innovative.



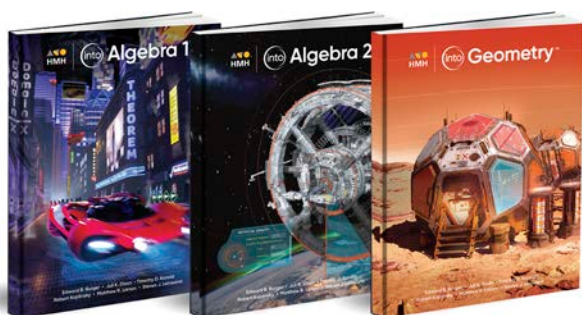
Singapore Math® is a trademark owned by Singapore Math Inc. and Marshall Cavendish Education Pte. Ltd.

# Mathematics

## Core Mathematics



**Into Math™** emphasizes effort in learning to reignite your students' beliefs that they're unstoppable. From embedded growth mindset tasks and explicit social-emotional instruction that support students in building critical thinking skills, to independent learning activities that encourage productive perseverance, *Into Math* transforms mathematics fear into mathematics enthusiasm.



**Into AGA™** was built from the ground up to help each student persevere and discover how to become a “math person.” As our world increasingly depends on STEM careers and competition builds for coveted jobs in the future, we focus on extending problem solving beyond the classroom. By providing teachers with the tools they need to save time, simplify planning, and inspire young minds, *Into AGA* engages learners as they master mathematical concepts and skills.

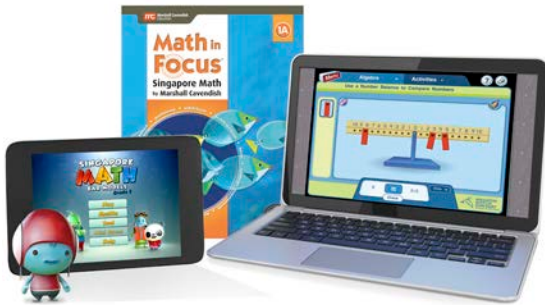


**Math Expressions** K–6 combines elements of standards-based instruction with the best traditional approaches. Through drawings, conceptual language, and real-world examples, it helps students make sense of mathematics. NSF-funded and research-based, *Math Expressions* is proven to be effective in raising student achievement. Put your students on the path to becoming lifelong learners—and lovers—of all things math with our trusted math curriculum.



**GO Math!®** is a trusted, comprehensive K–8 mathematics program that empowers teachers and engages learners. Built to address new and rigorous standards, it provides in-depth instruction, equal emphasis on conceptual understanding and procedural fluency, and coherent articulation across grade levels. This flexible program features parallel print and digital resources to keep 21st century learners engaged and on track.





**Math in Focus®** K–8 is an authentic Singapore Math® curriculum with problem solving as the center of math learning and concepts taught with a concrete–pictorial– abstract learning progression through real-world, hands-on experiences. Grades K–5 embody the best practices that have propelled Singapore students to the top of international comparison studies. Grades 6–8 have a key differentiator from other middle school math programs: the focus on attitudes and metacognition.



**Saxon Math™** K–12 is designed to support the long-term mastery and applications that will make a difference during testing and in a student's future education and career. The *Saxon Math* curriculum has an incremental structure that distributes content throughout the year. This integrated and connected approach provides deep, long-term mastery of the content and skills called for in new, rigorous standards.



**HMH Algebra, Geometry, and Algebra 2 (AGA)** for high school provides focused, balanced, and rigorous instruction through a blended learning approach. The program provides rigor and depth of understanding through interactive lessons, research-based instructional approaches, best practices, and differentiated instructional resources to ensure success for all students.



**HMH Integrated Mathematics 1, 2, 3** for high school offers an engaging and interactive approach to covering algebra, geometry, and statistics concepts over three years. This truly innovative high school mathematics program is designed for today's students, with seamless integration of digital features for in-class and on-the-go learning.

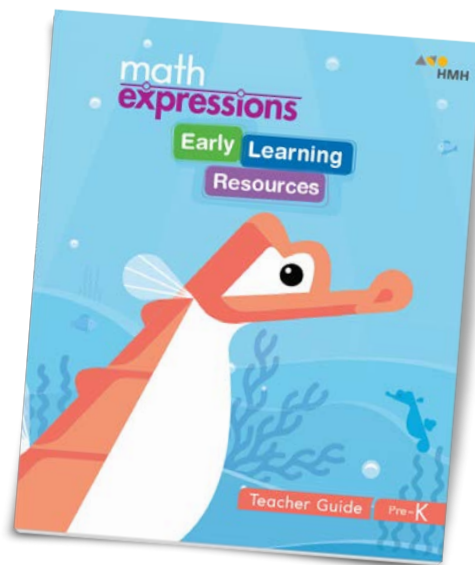
# math expressions

## Early Learning Resources

**Math Expressions Early Learning Resources** is designed for Pre-K, Transitional K, and 4K classrooms to provide a solid foundation and prepare students for success in Kindergarten math.

The newest addition to the *Math Expressions* program, *Math Expressions Early Learning Resources*, authored by Dr. Karen Fuson, uses the same highly successful, research-based instructional strategies and conceptually aligned resources. Pre-K students gain the background and confidence to begin their journey into the world of mathematics.

- **Teacher Edition** organized into weekly plans
- **Learning Sessions** focus on foundational concepts of number and geometry
- **Math Center Activities** for each week include Advanced Learner suggestions
- **Manipulatives** bring mathematics to life
- **Daily Routines** are short activities that build understanding over time
- **Home Connections** provide for ongoing communication to the family
- **Big Books** support number and geometry concepts



Puzzled Penguin puppet encourages students' math talk.



## Supplemental Math



Developed by Education Development Center (EDC), *Transition to Algebra* is a classroom resource that approaches algebra instruction differently. Instead of reteaching the same algebra curriculum in the same way to struggling students, *Transition to Algebra* uses logic puzzles, problems, and explorations to help teachers uniquely build students' mathematical ways of thinking. It invites students to experience the coherence and meaning of mathematics—perhaps for the first time. *Can also be used in pre-algebra classrooms or as a summer or after school program*

# Waggle™

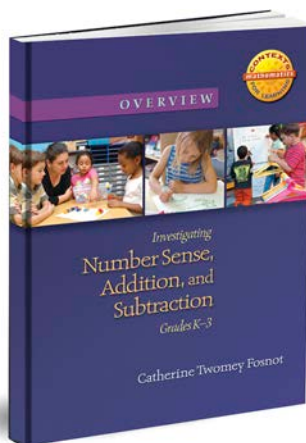
How do you meet the diverse needs of all students in the classroom? Waggle for ELA and Math goes beyond adaptive learning to truly personalize practice and instruction. Teachers and students thrive with Waggle's innovative ELD supports, SEL framework, and embedded gaming that rewards BOTH positive learning. Flexible, personalized, and rewarding. Support your core instruction with Waggle.



# Mathematics

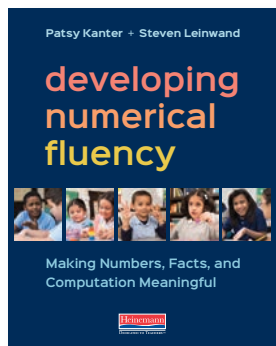


Today's math is being taught radically different than most teachers experienced as students. To stay effective, teachers need more than a basic curriculum and series of lesson plans. They need to understand what and how they're teaching. Compatible with any math program or curriculum, Heinemann's *Math In Practice* K–5 provides a school-wide look at key shifts in math instruction, flexible modules aligned to content standards, and specific support for school leaders.



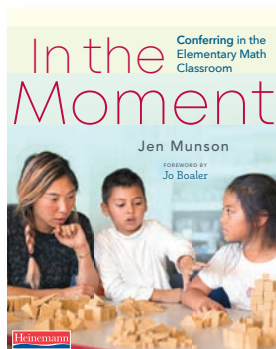
Heinemann's *Contexts for Learning Mathematics* is a rigorous K–6 classroom resource that makes use of a math workshop environment to bring the Standards for Mathematical Practice to life. Rich, authentic contexts provide a backdrop for fostering the use of mathematical models as thinking tools, inspiring tenacious problem solving, and guiding students in the reading and writing of mathematical arguments and justifications to ensure the development of a positive growth mindset.

## Math Professional Learning Books



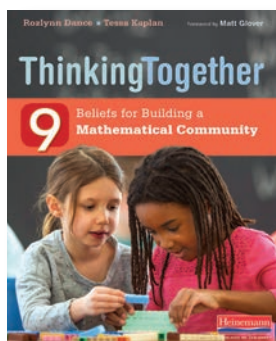
### Developing Numerical Fluency: Making Numbers, Facts, and Computation Meaningful

In *Developing Numerical Fluency*, Patsy Kanter and Steven Leinwand apply their decades of experience teaching mathematics to the commonly asked question of “How do I teach number facts so my students know them fluently?”



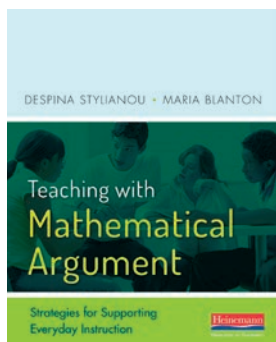
### In the Moment: Conferring in the Elementary Math Classroom

*In the Moment* offers research-based guidance for conferring with your students in math, supported with online videos showing math conferences in action. Jen Munson explains how, in just a few minutes, a math conference provides opportunities for supporting productive struggle, helping students grow their ideas, and differentiating instruction.



### Thinking Together

Want students to understand—really understand—and retain the math they’re learning? Focus on building your classroom community first. In *Thinking Together*, veteran teachers Rozlynn Dance and Tessa Kaplan explore nine beliefs that lead to a powerful community of learners.



### Teaching with Mathematical Argument

Many students’ interest in mathematics fades as they are asked to solve seemingly endless problems. Building your daily instruction around mathematical argumentation can enliven your classroom and re-engage your students. With ideas for structuring discussions and suggested tasks to try, *Teaching with Mathematical Argument* shows how to elevate argumentation in your instruction and harness its power for enhancing student learning.



From rich instruction in core reading to intervention and professional learning, we provide proven-effective solutions designed to engage, empower, and address the individual needs of K–12 students.

Our **literacy** solutions navigate a path toward proficiency with daily practice in reading, writing, and speaking while providing differentiated instruction for students who require language development.

## My Ideal Core Literacy Program

Seamlessly integrates the teaching of reading, writing, listening, speaking, language development, and phonics and word study while focusing on social-emotional learning to foster a learning mindset—and build confidence and perseverance.



Is traditional in delivery, empowering students to achieve through skills mastery and the use of authentic, award-winning text to ensure that students develop reading comprehension skills as well as critical thinking, writing, speaking, listening, and research capabilities.



Built to address the needs of today's teachers and prepare students for success in tomorrow's world with engaging instruction, relevant literature, thought-provoking thematic units, embedded growth mindset, and intuitive technology.



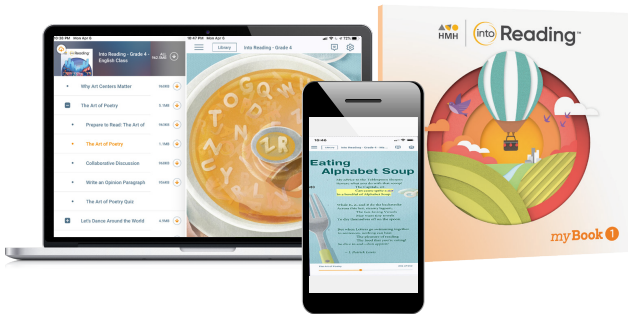
Is a comprehensive program for mastery of new, rigorous standards that integrates reading, writing, listening and speaking, and research and media.





# Literacy

## Core Literacy



***HMH Into Reading™*** seamlessly integrates the teaching of reading, writing, listening, speaking, language development, and phonics and word study while focusing on social-emotional learning to foster a learning mindset—and build confidence and perseverance. Students will become strong readers and build a foundation for developing and expressing their voice. They will write, speak, and shape their futures as lifelong learners.



***HMH Into Literature™*** was built to address the needs of today's teachers and prepare students for success in tomorrow's world with engaging instruction, relevant literature, thought-provoking thematic units, embedded growth mindset, and intuitive technology.



***Journeys*** is a K–6 comprehensive, research-based English language arts program built on the foundation of the proven *Journeys* instructional design that provides all students with a path to achieving rigorous standards with print and state-of-the-art digital components. Students are empowered by skills mastery and inspired by authentic, award-winning text.



***Collections*** is a comprehensive program for mastery of new, rigorous English language arts standards. *Collections* offers a blend of digital and print instruction in Grades 6–12 that integrates reading, writing, listening and speaking, and research and media to prepare students for college and beyond.

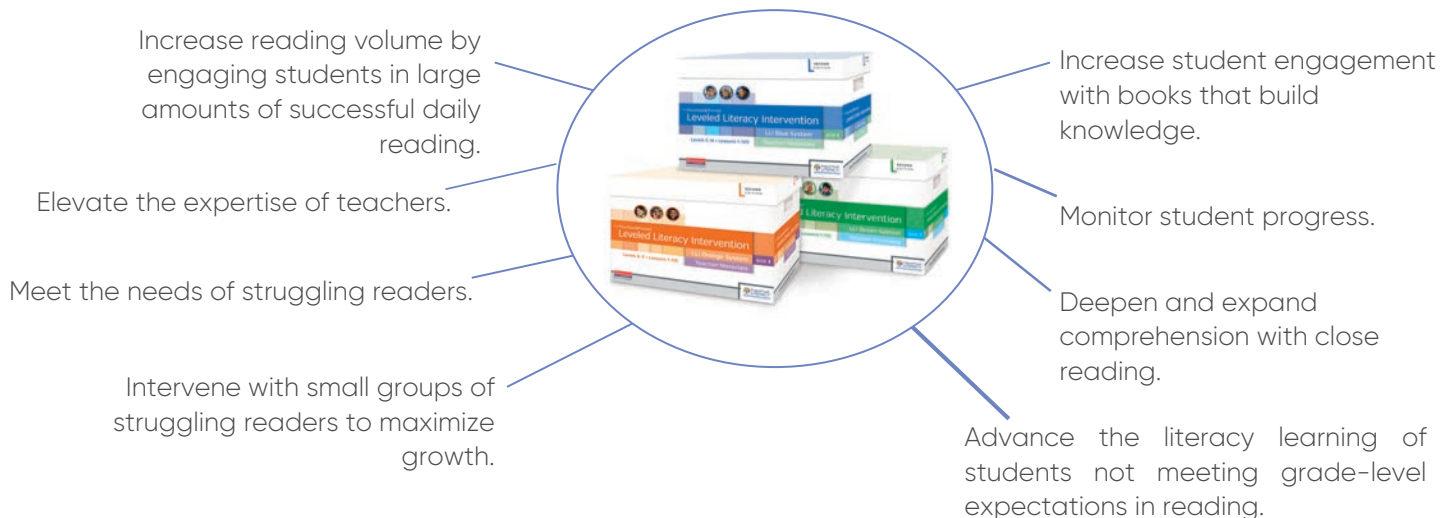
## Literacy Intervention and Assessment

*Fountas & Pinnell Leveled Literacy Intervention (LLI)* for Grades K–12 is a powerful, short-term intervention solution that provides daily, intensive, small-group instruction, which supplements classroom literacy teaching. The goal of LLI is to bring students who are the lowest achievers in literacy to grade-level achievement in reading. Lessons across the seven systems progress from level A (beginning reading in kindergarten) through level Z on the F&P Text Level Gradient™, which represents competencies at the middle and secondary school level.



### What can LLI do for your students who need literacy intervention?

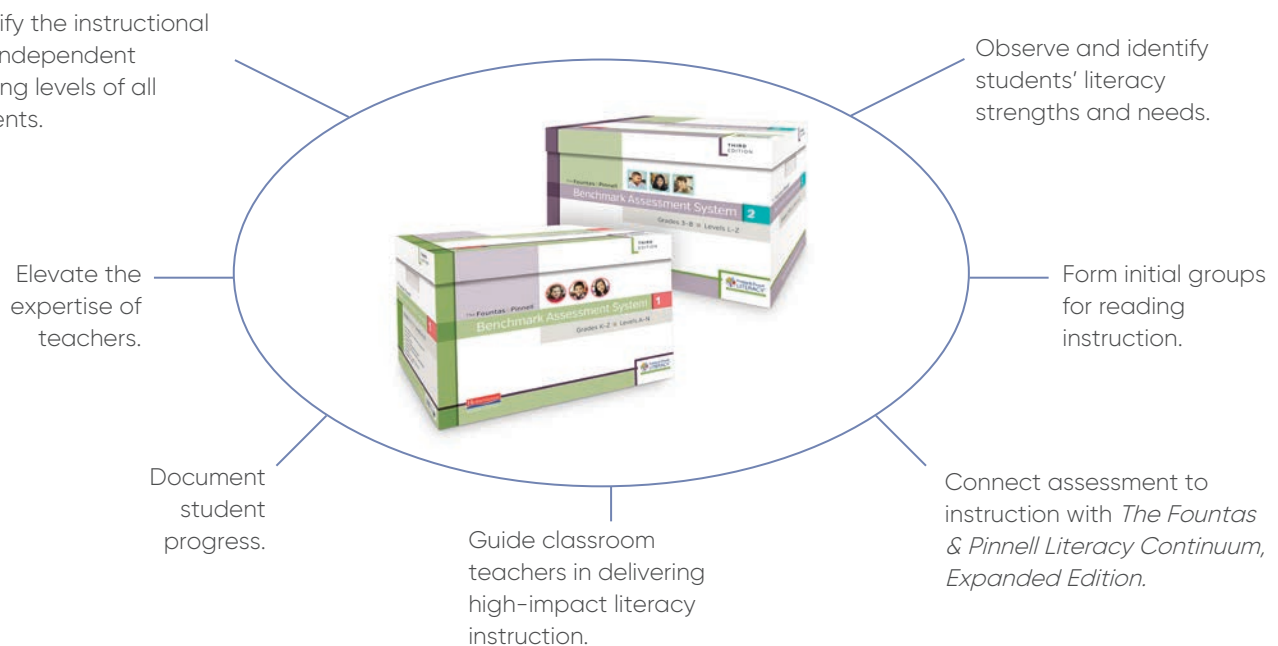
- Lift literacy achievement for struggling readers through daily, intensive intervention.
- Turn struggling readers into successful readers with engaging leveled books and fast-paced, systematically designed lessons.
- Engage with high-quality texts in a variety of fiction and nonfiction genres leveled by Fountas and Pinnell using their F&P Text Level Gradient.



## Informative. Insightful. Instructive.

Using the *Fountas & Pinnell Benchmark Assessment Systems* to determine all student's independent and instructional reading levels, teachers are able to observe student reading behaviors one on one, engage in comprehension conversations that go beyond retelling, and make informed decisions that connect assessment to instruction.

Assess with accuracy and expertise, and help students achieve literacy growth throughout the year with the *Fountas & Pinnell Benchmark Assessment Systems*.





# Literacy

## Supplemental Literacy

How do you meet the diverse needs of all students in the classroom? Waggle for ELA and Math goes beyond adaptive learning to truly personalize practice and instruction. Teachers and students thrive with Waggle's innovative ELD supports, SEL framework, and embedded gaming that rewards BOTH positive learning. Flexible, personalized, and rewarding. Support your core instruction with Waggle.

# Waggle™

Powered by artificial intelligence (AI), *Amira* is the reliable classroom assistant that assesses oral reading fluency (ORF), screens for dyslexia, and provides reading practice.

Developed in conjunction with leading psychometricians, neuroscientists, reading scientists, and AI researchers, *Amira* generates actionable instructional recommendations with every interaction, maximizing the time teachers spend with students. The result? Teachers gain up to three weeks of time each year to do more of what they do best: teach!



LUCY CALKINS & TCRWP COLLEAGUES

## UNITS OF STUDY

Reading ♦ Writing ♦ Phonics

**Heinemann**  
DEDICATED TO TEACHERS

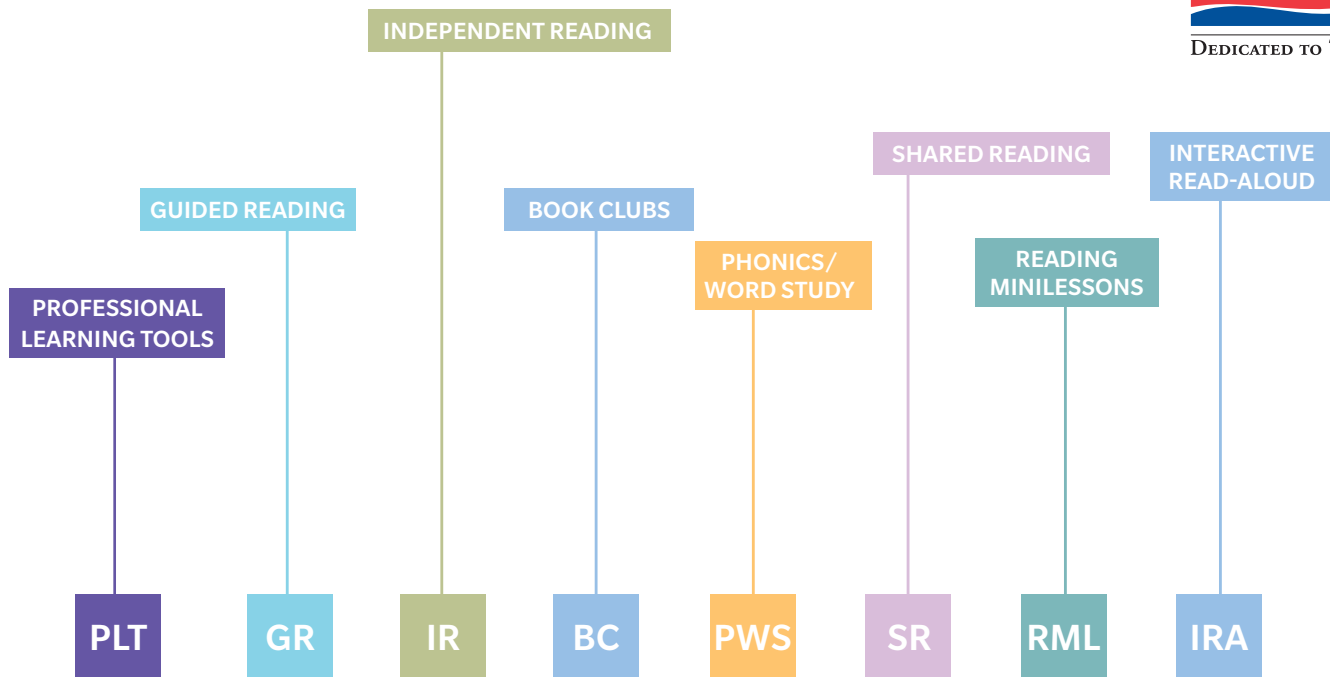
### Units of Study

The *Units of Study for Teaching Reading*, K–8 series and the *Units of Study in Opinion/Argument, Information, and Narrative Writing*, K–8 series, and the NEW *Units of Study Phonics* K–2 series serve as both curricular support and professional development.

These groundbreaking series:

- Provide all the teaching points, minilessons, conferences, and small-group work needed for a comprehensive workshop curriculum.
- Help teachers assess students' reading and writing work, develop their use of self-monitoring strategies, and set them on trajectories of growth.





## Reflect. Reimagine. Redefine.

The future of literacy education is here.

*Fountas & Pinnell Classroom™* (FPC) is a first-of-its-kind, classroom-based literacy system for all students in Grades PreK–6 that is based on responsive teaching using an inquiry-rich, multi-text approach across multiple instructional contexts. FPC is designed to support whole-group, small-group, and independent learning opportunities including: interactive read-aloud, reading minilessons, shared reading, phonics, spelling, word study lessons, guided reading, book clubs, and independent reading learning tools.

*Fountas & Pinnell Classroom* is rich with authentic texts, lessons, or conferring cards, minilessons, and professional learning tools for a systematic, transformative approach to literacy instruction.

### ***Fountas & Pinnell Classroom* provides the opportunity for students to:**

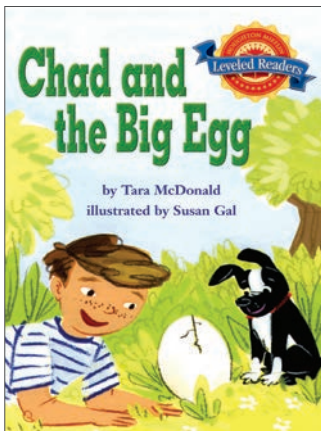
- see themselves reflected in the books they read and write about
- grow as thoughtful users of literacy
- engage in real reading, writing, and thinking

### **and for teachers to:**

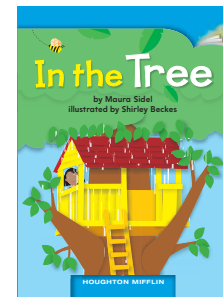
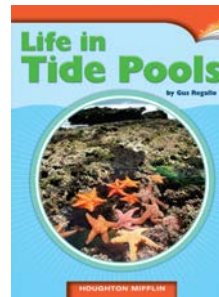
- work at the cutting edge of students' learning
- support independence and student agency
- understand the critical role of responsive teaching in leading literacy learning forward



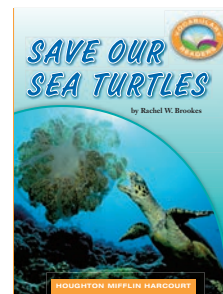
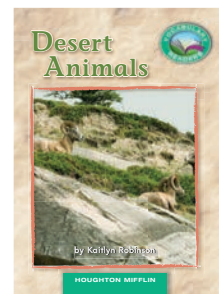
## Leveled Readers



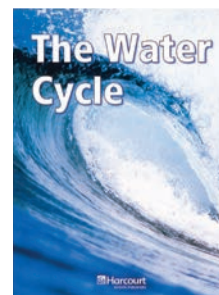
Guided Reading Levels A–Z



Leveled Readers



Nonfiction Vocabulary Readers



Concept Readers

## Grades Pre–K–6

New, rigorous standards call for more complex, shorter texts that match students' individual abilities. Leveled Readers are ideal for identifying students' strengths and reading levels, building their comprehension and fluency, and ramping them up to more complex texts.

**Ramp up** to more complex texts by offering Leveled Readers on the same topic as the target texts.

**Practice the rigor** of the standards in a learning sandbox—a selection of texts students can read with greater confidence.

**Build Domain Knowledge and Vocabulary** with Leveled Readers aligned to standards.

**Loop back to Leveled Readers** from a complex text so students can make connections and build analytic skills.

- Leveled below, on, and above level, with additional titles for language support, our HMH Leveled Readers build fluency, independence, and motivation for lifelong reading success.
- Nonfiction Vocabulary Readers with teaching guides are designed for practice and application of target vocabulary.
- Concept Readers for mathematics, science, and social studies can be used as a supplement to your existing program or as an extension to daily reading instruction.



# Literacy

## *Hero Academy* is the leveled reader series where SEL and literacy meet!

In this irresistible new Rigby® leveled reader series for Pre-K–4, seven inspiring student-superheroes face challenges presented by eight unforgettable villains. As the heroic students progress through adventurous plots, they model SEL qualities that help YOUR students develop important social-emotional skills.

*Hero Academy*® helps students build comprehension, vocabulary, fluency, and other key literacy skills essential for meeting today's rigorous standards.



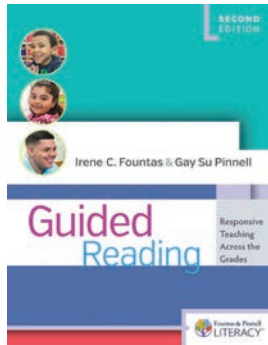
78 Leveled  
Readers with  
Lesson Plans

• Action-Packed Fiction •

Pre-K–4

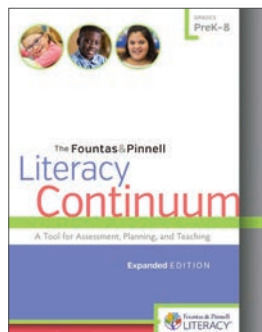
*Available for US Curriculum Schools only*

## Literacy Professional Learning Books



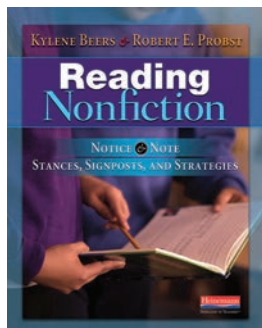
### Guided Reading, Second Edition (K–6)

In the highly anticipated second edition of *Guided Reading*, Fountas and Pinnell remind you of guided reading's critical value within a comprehensive literacy system, and the reflective, responsive teaching required to realize its full potential.



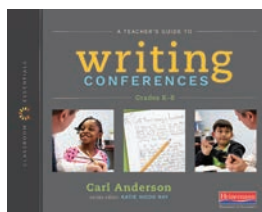
### The Fountas & Pinnell Literacy Continuum (PreK–8)

There has never been a more comprehensive resource available to teachers that does what the continuum does—provide specific behaviors and understandings that are required at each level for students to demonstrate thinking within, beyond, and about the text. *The Fountas & Pinnell Literacy Continuum*, Expanded Edition, enables teachers to construct a common vision for student achievement that effectively and efficiently engages all students in the robust, authentic, and meaningful literacy learning every child deserves.



### Reading Nonfiction (4–10)

We all know the value of helping students define nonfiction and understand its text structures. *Reading Nonfiction* takes the next crucial step—helping kids challenge the claims of nonfiction authors, be challenged by them, and skillfully and rigorously make up their mind about purported truths.



### Classroom Essentials (K–8)

With fresh and engaging content, books in the *Classroom Essentials* series bring the transformative power of foundational ideas and student-centered practices to today's busy teachers. Each book in the series highlights one essential, student-centered practice, giving you the information you need to get started trying it—or refining it—in your own classroom.



HMH is dedicated to providing solutions for educators, families, and students who are part of the **English learner** community. Our programs focus on language development that prepares students for academic and lifelong success and on supporting educators and families in creating a collaborative environment that fosters student achievement.

## My Ideal English Learners Program

Is designed to help Grades 4–8 students who are at risk of becoming lifelong English learners realize their potential by rapidly increasing their language proficiency and mastery through scaffolded instruction and engagement with multimedia and grade-level text and content.

Is a research-validated, explicit, and interactive English language development program that propels English learners in Grades 4–12 beyond early levels of proficiency.



## Escalate English



**Escalate English®** is an English language development program proven to accelerate the academic language of English learners in Grades 4–8 and increase their language proficiency while engaging in grade-level content that supports growth across content standards. *Escalate English* is the 2017 CODiE® Award Winner in the Best ESL, ELL, or World Language category!

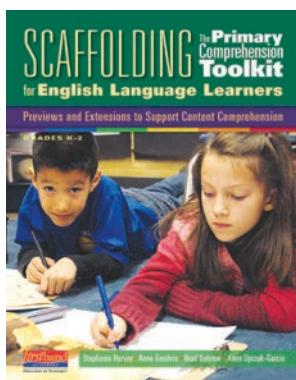


**English 3D®** is a research-validated English language development program that propels English learners in Grades 4–12 beyond early levels of proficiency. Developed by Dr. Kate Kinsella, this explicit, interactive curriculum engages students with contemporary issue-based text sets to create a platform for daily spoken and written responses that advance students' understanding of English vocabulary, syntax, and grammar.\*



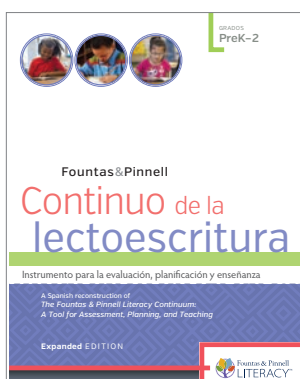
# English Learners

## English Learners Professional Learning Books



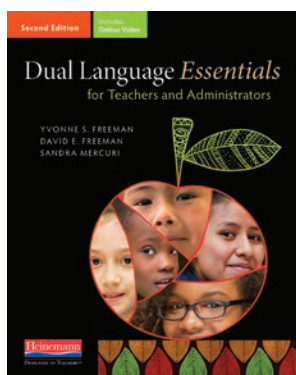
### **Scaffolding the Comprehension Toolkit for English Language Learners (K–2, 3–6)**

*The Comprehension Toolkit's* inclusive whole-group instruction sets a high comprehension bar for ALL students. *Scaffolding the Comprehension Toolkit for English Language Learners* books, available for K–2 and 3–6, are designed to help students unpack the vocabulary and language structures in every Toolkit lesson. In addition to helping your English learners actively participate in Toolkit lessons and express what they fully comprehend, these lesson previews and extensions offer you a model for how to address EL learning needs across the curriculum.



### **Continuo de la lectoescritura, Expanded Edition (PreK–2)**

This curricular resource provides a unified vision of what primary-age Spanish-speaking children need to be able to do as competent readers, writers, and language users, and informs every aspect of your literacy teaching. Read *Continuo de la lectoescritura*, grados PreK–2, Expanded Edition, keep it handy in your classroom, and use it to make effective teaching decisions as you bring bilingual children forward in their literacy journeys.



### **Dual Language Essentials for Teachers and Administrators (PreK–2)**

*Dual Language Essentials for Teachers and Administrators* has been widely used as a guide for planning and implementing dual language programs. The Second Edition provides the latest theory, research, and best practices by drawing on the experiences of administrators and teachers in successful one-way and two-way bilingual dual language programs.



**Science** is about thinking, inquiry, analysis, invention, questioning, and results. That's the scientific method we all know: you ask a question, then research, form a hypothesis, experiment, and draw conclusions. Science begins with an idea and ends in discovery—and the fact that you don't know what the outcome will be is what makes it exciting. Spark an interest in science with HMH's engaging blend of digital, hands-on, and print experiences.

# Science

## My Ideal Core Science Program

Is a science curriculum designed specifically to address the Next Generation Science Standards\* (NGSS) and utilizes the Three-Dimensional learning model of NGSS, integrating engineering and STEM content.



Follows a traditional model built on the Framework for K–12 Science Education. It incorporates multimodal learning, support for STEM, and 21<sup>st</sup>–century skills acquisitions through 360 degrees of inquiry.



Adaptable science programs built to meet the needs of your classroom, *HMH High School Science* is available in a variety of curriculum areas including Biology, Modern Chemistry®, and Physics. Highly effective, motivational technology engages students, while superior differentiated instruction ensures the needs of all learners are met.

Biology

Modern  
Chemistry

Physics

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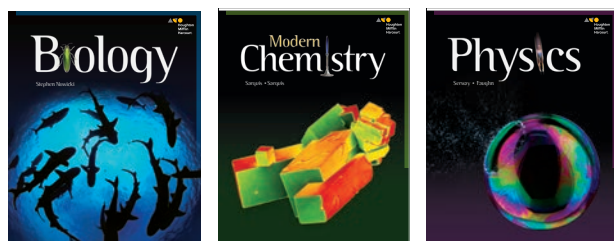
## Core Science



**HMH Science Dimensions®** © 2018/2020 K–12 is a brand-new series of science programs built specifically to address the Three Dimensions of Science Learning outlined in the Framework for K–12 Science Education and the Performance Expectations of NGSS. This program provides an authentic approach to increasing student achievement in science and prepares teachers for engineering instruction.



**ScienceFusion®** K–8 is a state-of-the-art science program designed for building inquiry and STEM skills and is optimized for learning in the classroom or at home, on a laptop, on a tablet, or using a science textbook. The digital curriculum, virtual labs, hands-on activities, and write-in science textbook develop important critical-thinking skills that prepare students for success in future science courses and in the workplace.



Adaptable science programs built to meet the needs of your classroom, **HMH High School Science** is available in a variety of curriculum areas including Biology, Modern Chemistry, and Physics. Highly effective, motivational technology engages students, while superior differentiated instruction ensures the needs of all learners are met.



# Science

## Supplemental Science



### Performance Expectations Guide

These guides provide resources and activities aligned to each of the Performance Expectations found in the Next Generation Science Standards (NGSS), along with tips for integrating the activity into the biology, chemistry, or physics classroom. Also included is an overview of NGSS. Student and teacher versions available.

Grades 9–12



### Engineering Design Guide

These guides provide an overview of the engineering design process, along with activities and checklists to bolster students' critical-thinking and problem-solving skills. Also included are content-specific strategies for integrating engineering design activities into biology, chemistry, and physics. Student and teacher versions available.

Grades 9–12

### Science and Engineering Leveled Readers

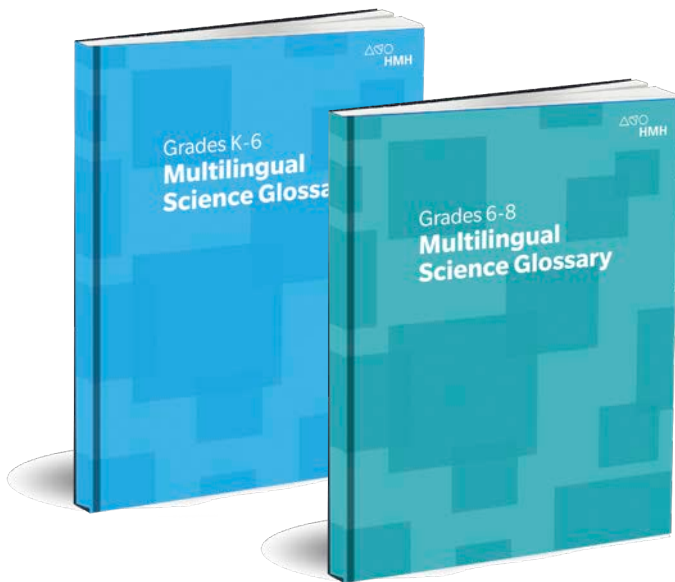
These leveled readers provide solutions for entire classrooms and individual learners. With print and digital options, Leveled Readers can be used to maximize student success. Three levels of readers are available for a wide variety of science and engineering topics—Extra Support, On Level, and Enrichment—in both English and Spanish. Each level includes Teaching Guides for every reader, which provide support before reading, during reading, and during response to reading activities.

Grades K–5





## HMH Multilingual Science Glossaries

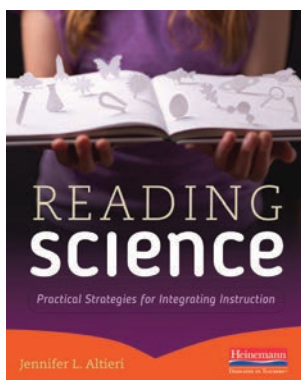


The Multilingual Science Glossary is a comprehensive English-alphabetical listing of key terms and their meanings for Grades K–6, as used in HMH Science programs. The glossary is available in the following languages:

- English
- Spanish
- Vietnamese
- Tagalog/Filipino
- Simplified Chinese (for speakers of Mandarin and Cantonese)
- Arabic
- Hmong
- Korean
- Punjabi
- Russian
- Haitian Creole
- Brazilian Portuguese

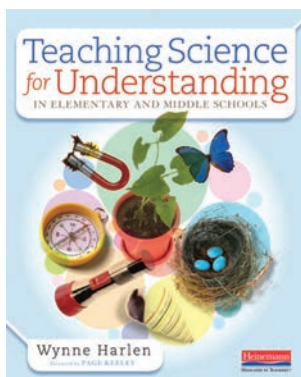
# Science

## Science Professional Learning Books



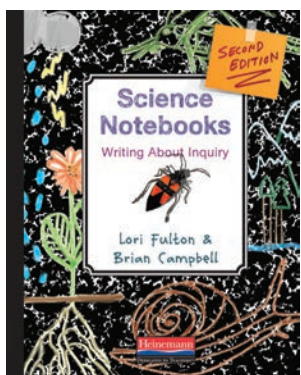
### **Reading Science (4–8)**

Our students should be prepared for not only the science class as we know it today but for future science classes and the world beyond. To create classrooms that support this kind of learning, we must use literacy as a tool to help students access science content, communicate their ideas precisely, and apply their discoveries in new contexts.



### **Teaching Science for Understanding (K–5)**

Even though there is an unending supply of science textbooks, kits, and other resources, the practice of teaching science is more challenging than simply setting up an experiment. *Teaching Science for Understanding in Elementary and Middle Schools* focuses on why developing understanding is essential in science education and how best to engage students in activities that deepen their curiosity about the world and promote enjoyment of science.



### **Science Notebooks (K–5)**

Learn how to use science notebooks as a powerful tool for helping students develop their thinking about scientific concepts, engage in the work of scientists and engineers, and exercise language skills—all while supporting the Next Generation Science Standards.



Whether they're exploring far-off societies or learning the stories of their own country's origin, students can use HMH's rich **social studies** programs to broaden their horizons through engaging content and activities that help them truly experience the vivid stories and tapestry of cultures that make up today's world.

# Social Studies

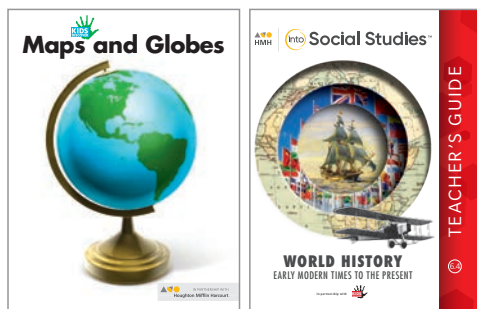
## My Ideal Social Studies Program

Delivers social studies content that develops the critical thinking, analysis, reading, and writing skills necessary to grow students into global thinkers.

Offers flexible programs that foster students' curiosity and cultivate their analytical skills to succeed in college, career, and civic life.



## HMH Social Studies



**Into Social Studies™** for Grades K–6 is differentiated by design and built with Kids Discover® to help students reach new levels of engagement and teachers reach new levels of efficiency. Deliver social studies content that develops the critical thinking, analysis, reading, and writing skills necessary to grow students into global thinkers with magazines that fit easily into daily lessons. Social studies skills lay the groundwork for future leaders, thinkers, and participatory citizens.



**HMH Social Studies** for Grades 6–12 asks students to uncover the connections and inspires them to look beneath the surface—to identify relationships, note influences, and introduce ideas that challenge assumptions. The next generation of social studies offers flexible programs that foster students' curiosity and cultivate their analytical skills to succeed in college, career, and civic life.



As our world becomes more and more connected through technology, it's critical for today's students to become fluent in the languages and cultures of others. HMH **world languages** programs deliver proven, engaging, differentiated instruction that empowers students to express themselves with confidence, clarity, and cultural awareness.



# World Languages

## My Ideal Core World Language Program

is a comprehensive Spanish language program offering a blend of focused, authentic cultural experiences and systematic grammar and vocabulary instruction.

*¡Avancemos!*

A French program structured around location-based chapters and cultural briefs that ground language learning in authentic cultural content, while also delivering a systematic grammar and vocabulary scope and sequence.

HOLT McDUGAL  
**Bien dit!**



*¡Avancemos!* empowers students to communicate in Spanish with confidence, equips them to experience and understand other cultures and countries, and enables participation in our global society. New 21<sup>st</sup>- century learning tools, including virtual reality HMH Field Trips powered by Google® Expeditions, expand learning beyond the classroom in unprecedented ways!



*Bien dit!*® is designed to help students demonstrate proficiency in French—to communicate meaningfully and productively in real-world situations. Supporting college and career readiness standards, *Bien dit!* features performance-based materials that help students practice and master the ACTFL® modes of communication. New 21<sup>st</sup>- century learning tools make incorporating authentic culture more engaging than ever!

# Waggle™

## Adaptive Practice to Grow Confident, Motivated Students

Waggle is the award-winning, adaptive math and ELA solution that personalizes learning, unifies resources, and empowers teachers.



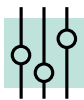
### Focus on Actionable Insights

Unlike other programs, Waggle gauges students' understanding DURING practice, eliminating the need for repeated assessment. The intelligent adaptive engine analyzes multiple data points (including behavioral) to provide students with the right practice at the right time.



#### Personalize Learning

- Dynamically assesses knowledge in the practice space without overtesting
- Rewards persistence and engages students in productive struggle



#### Unify Resources

- Aligns with any curriculum or supplement
- Meets rigor of all high-stakes tests and standards



#### Empowers Teachers

- Provides real-time data that enables differentiation
- Pinpoints students' skill gaps to maximize teachers' time

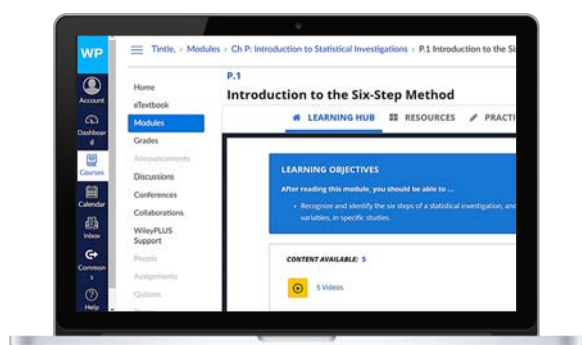
**Master critical math and English language arts skills while fostering a growth mindset**

# The Data Doesn't Lie

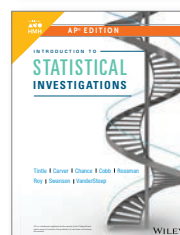
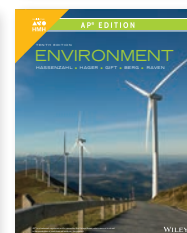
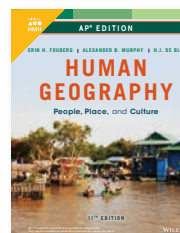
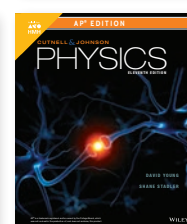
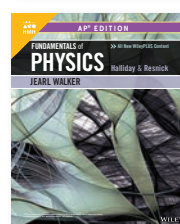
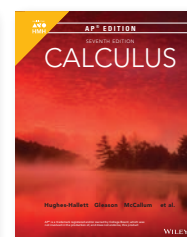
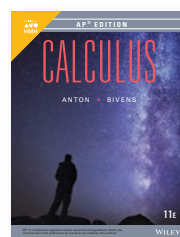
## It's True:

Broad access to AP<sup>®</sup> courses improves student outcomes over the long term. Preparing emerging adults for a successful transition to college is more important than ever, and our partnership with Wiley<sup>®</sup> puts AP equity within reach.

Carefully curated **Advanced Placement<sup>®</sup>** titles unlock students' potential to step up to—and succeed with—college-level work.



The *WileyPLUS* site for each title includes the complete contents of the student textbook with interactive resources, assessments, and adaptive practice



### PROVEN CONTENT

Time-tested content and instruction developed by renowned thought leaders has a long track record of success.



### EQUAL ACCESS

Clear, authoritative text is visualized through illustrations, examples, and purposeful student activities to accommodate differing learning styles and ensure a deep understanding of concepts and their real-world applications.



### PURPOSEFUL TECHNOLOGY

Every program is enhanced by a full suite of digital assets including interactive graphs, simulations, animations, videos, tutorials, problem-solving practice, and assessment tools that measure each student's progress in real time.

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