

March, 2019

Houghton Mifflin Harcourt
Background Piece
HMH Into Math Florida

For nearly two centuries, Houghton Mifflin Harcourt has been—and continues to be—committed to creating quality, pedagogically sound content. HMH Learning Architects in our Math, Science, and Humanities studios are passionate about building a curriculum that is rooted in the latest research, is grade-level appropriate, meets standards, and contains appropriate language, images and instructional strategies. We believe that dynamic, reliable and flexible classroom resources create learning environments that empower students, educators and their families.

HMH's *Into Math Florida K-8* is one of these programs – it was designed to foster a longstanding culture of learning that helps students to grow and continue growing year after year.

- *HMH Into Math Florida K-8* is a comprehensive math learning system in which all the resources have a clear and intentional purpose that support effective teaching and learning. The solution concept unites a focused lesson structure with clear goals, measurements of student growth, and a teacher support system. Each lesson clearly outlines the standards and practices, objectives, and learning progressions so teachers can best support student learning. Assessments provide growth measures, diagnostic, formative, and summative data analytics for grouping students and recommending targeted, specific resources to meet the needs of each and every student.
- The assessment suite in *Into Math* prepares students for high-stakes assessments, while providing teachers with diagnostic, formative, and summative assessments. These course-level, module-level, and lesson-level assessments were systematically and purposefully developed to give teachers data to drive instruction.
 - Students receive tips, hints, and corrective feedback as they persevere to solve problems and exercises with multiple attempts. Teachers receive detailed reports and grouping suggestions to differentiate instruction, targeting each student's needs and providing access and equity for all students.
- *HMH Into Math Florida K-8* was developed by an authorship team of esteemed researchers and practitioners who work tirelessly to evolve instructional practices and advocate for more clear, holistic, flexible, and active methodology in the classroom. Built to help teachers embrace the eight Effective Teaching Practices outlined in the NCTM publication *Principles to Actions*, *HMH Into Math Florida* contains carefully crafted tasks that turn students into fearless problem solvers.
- *HMH Into Math* was carefully designed to prepare students for college and careers. Real-world and rigorous tasks, including many with a STEM focus, engage students and help them see the relevance of mathematics in their lives. Every lesson requires students to apply concepts and skills, ensuring students can independently solve problems aligned to the cognitive complexity demands of rigorous standards. In addition to mastery of content standards, college and career success is dependent upon the proficiencies and skills outlined in the Mathematical Practice Standards.
- The design of *HMH Into Math Florida K-8* utilizes the latest findings from learning sciences and academic research that have been demonstrated to lead to improved student mathematical understanding and achievement. Students must see themselves as successful in mathematics in

order to pursue math-related careers or degrees that require mathematics. The latest research base is available upon request.

- The *Into Math Florida K-8* program is uniquely positioned to deliver ongoing, timely, and relevant professional learning. The professional learning is embedded within *Into Math Florida K-8* and includes high-impact strategies that are relevant to everyday teaching.
 - Classroom videos for every module, on topics like productive perseverance, language routines, and Talk Moves, empower teachers to deliver meaningful learning experiences and facilitate student discourse.
 - Within lessons, embedded professional learning provides ongoing suggestions, strategies, and opportunities to reflect on their practice.
 - Courses and coaching from Math Solutions® support teachers as they gain a deeper understanding of mathematics and increase their overall effectiveness in the math classroom.

Into Math Florida K-8 combines data-driven powerful insights and unparalleled point-of-use professional support with invaluable content to create a transformative learning experience for students.