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Houghton Mifflin Harcourt
Background Piece
HMH Into Math K–8

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 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 © 2020 is a comprehensive K-8 solution for mathematics designed to monitor, predict, and propel growth. The program was built from expert insights and real teacher feedback to deliver a student-centered, outcomes-driven approach to learning mathematics that supports deeper understanding of concepts, helps students connect concepts and procedural skills, builds fluency, and embeds application opportunities throughout
- Into Math has a purposeful and coherent progression of content. This rigorous framework ensures students first develop a strong foundation of conceptual understanding with Build Understanding lessons. Then the supportive Connect Concepts and Skills bridge lessons create cognitive connections between the conceptual understanding and the procedural skills. Students further strengthen their skills with procedural and application problems of various question types and contexts through Apply and Practice lessons.
- The Into Math series’ lesson design gives students opportunities to discover the “why” behind the “how” in mathematics. It reshapes the teaching model and enables students to develop deeper understanding and productive perseverance in problem-solving. With student-centered strategies, hands-on learning, and mathematical discourse, teachers guide the class to shared understanding.
- Into Math’s special focus on the growth mindset strengthens its powerful approach to learning. Built-in features, developed from the research of Mindset Works, create a classroom culture that supports students as they take risks, participate in class, and realize that making mistakes is a normal part of taking on challenges. Into Math guides all learners to believe that their intelligence and abilities can be developed over time through perseverance.
- The Into Math series’ focus on the growth of all learners defines its assessment structure to close gaps early and enable continuous upward trajectories for every student. Assessments are seamlessly built into the instructional design and directly connected to options for remediation, intervention, enrichment, or practice.
 - The standards-aligned diagnostic, formative, and summative assessments; lesson assignments; More Practice/Homework; and Differentiated Instruction activities taken online are auto-scored, and the data feeds into the analytics and reporting system which in turn provides suggestions for grouping and individualizing instruction.

- Into Math offers educators, administrators, and families the tools, systems, and resources as part of a Connected Learning Model systems to offer rigorous, intensive, motivating, and personalized connected learning that supports the well-being and academic growth of all students.
- *Into Math* 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 effective teaching practices, such as those outlined in the NCTM publication *Principles to Actions*, *Into Math* contains carefully crafted tasks that help turn students into fearless problem solvers.
- The design of *Into Math* 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* program is uniquely positioned to deliver ongoing, timely, and relevant professional learning *through the Teacher's Corner* application on Ed. Teacher's Corner provides educators and administrators with access to an ever-evolving library of resources
 - Teacher's Corner includes authentic classroom videos and articles from teachers who are currently teaching with Into Math. The number one teacher-requested resource, these videos will build teacher confidence and share how Into Math can be tailored to each classroom's unique needs.
 - Teacher's Corner professional learning and instructional recommendations align to research-based practices. Hear, exclusively from, prominent thought leaders, experienced coaches and former teachers, and practicing teachers.
 - Teachers have the choice of bite-size professional learning resources that were designed to be easily applicable to tomorrow's instruction. HMH empowers teachers with the information they need to choose what's right for them and offer a variety of media types, duration time, and authors.
 - HMH Live Events offer teachers opportunities to connect with HMH coaches and each other. Whether teachers have a question or want implementation advice, teachers can register for these online sessions that feature everything from groundbreaking new author research to group discussions facilitated by other teachers.