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Houghton Mifflin Harcourt
Background Piece
HMH Into AGA

For nearly two centuries, Houghton Mifflin Harcourt has been—and continues to be—committed to creating quality, pedagogically sound content. HMH Learning Experience Designers in our Mathematics, Science, Reading, and Literature product development teams 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 AGA (Algebra 1, Geometry, and Algebra 2)* 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 AGA (Algebra 1, Geometry, and Algebra 2)* is part of the *HMH Into Math K-12* comprehensive solution for mathematics, designed to monitor, predict, and propel growth. The program was built from expert insights and real teacher feedback to deliver a technologically-advanced, 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.
- Digital resources make it easy to manage and customize instruction. The entire teaching and learning experience is driven by HMH’s online platform—Ed: Your Friend in Learning[®]—which provides powerful technology for everything from instruction to assessment. The online experience provides a clear, intuitive path through all lesson resources, allowing teachers to plan, group, assess, and report—all from one easy interface.
- *HMH Into AGA* has a purposeful and coherent progression of content. This rigorous approach ensures students first develop a strong foundation of conceptual understanding with Spark Your Learning and Build Understanding tasks. Step It Out tasks provide opportunities for students to bridge their conceptual understanding with efficient procedures and skills. On Your Own exercises and problem-sets provide opportunities for students to apply and practice.
- The *HMH Into AGA* 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 tips, hints, and corrective feedback in the digital assignments on Ed: Your Friend in Learning, students learn from their mistakes in a positive environment, even when the teacher is not with them. This powerful technology combined with the student-centered strategies, digital tools, and mathematical discourse, helps teachers guide the class to shared understanding.
- *HMH Into AGA* 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.
- *HMH Into AGA* 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*, *HMH Into AGA* contains carefully crafted tasks that help turn students into fearless problem solvers.

- Assessments are seamlessly built into the instructional design and directly connected to options for remediation, intervention, enrichment, or practice. The *HMH Into AGA* program includes diagnostic, formative, summative, and benchmark assessments that check understanding and measure growth.
 - The program's assessments, reports, and teacher resources provide teachers with real-time information about students' areas of need, growth, and mastery, as well as solid suggestions for next steps for differentiation, intervention, enrichment, and practice.
- *HMH Into AGA*'s special focus on the growth mindset strengthens its powerful approach to learning. Built-in features, developed from the research and support 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. *HMH Into AGA* guides all learners to believe that their intelligence and abilities can be developed over time through perseverance.
- The design of *HMH Into AGA* 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.
- To ensure a successful implementation of *HMH Into AGA* and with the goal of supporting teachers from the very start to build confidence and student success, HMH offers the following online professional learning support:
 - Teacher's Corner is a treasure trove of ever-evolving bite-size professional learning resources on *HMH Into AGA* [includes Live Events, model lesson videos, and teacher tips] to build confidence with the program.
 - Getting Started live online sessions prepare teachers for the first few weeks of instruction and provides an understanding of the program's print and digital resources from both the teacher and student perspectives.
 - Follow-Up live online sessions build upon the Getting Started and focus on *HMH Into AGA* components, assessments, differentiation, and digital tools. Districts choose classroom-focused topics to create a session that meets the needs of their teachers
 - As teachers implement new programs, support from an HMH coach moves teachers from implementation success to teaching mastery. Ongoing reflection and collaboration in-between coaching sessions with our Coaching Studio platform allows teachers to stay connected both with their HMH coach and their professional learning community.

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