



While Houghton Mifflin Harcourt’s roots go back nearly two centuries, today’s company is firmly focused on leveraging the latest in technology and pedagogy to bring about great student outcomes. Our teams are passionate about building a Science curriculum that is rooted in the latest research, is grade-level appropriate, is designed to meet standards, and contains appropriate language, images, and instructional strategies to help raise student achievement. We believe that dynamic, targeted, and flexible classroom resources create learning environments that empower students, educators, and students’ families to close the achievement gap.

HMH Into Science® K–5 was specifically developed to inspire students to act and think like scientists while developing mastery of the core ideas, practices, and concepts of Science and Engineering. The work was led by a group of authors that included two members of the original standards-writing team for the Next Generation Science Standards (NGSS), Dr. Cary Sneider, and Peter McLaren. They were joined by other authors with deep experience in Science education. Their work brought about a program that lives up to both the spirit and the letter of the NGSS and its approach to three-dimensional science learning.

HMH Into Science® was built from the ground up to support the NGSS and to change the typical but ineffective instructional model of “reading about Science” to provide opportunities for students to actively learn by doing Science and figuring out how and why things happen in their own communities. This approach prepares them to solve global problems in the future.

Here are a few of the key ways *HMH Into Science*® K–5 delivers a manageable, streamlined, and engaging hands-on curriculum.

- Instead of emphasizing a goal of reading and regurgitating trivial “Science facts” from a traditional textbook, *HMH Into Science*® uses a unique set of FUNomenal Readers that can be incorporated into the Language Arts block to stimulate critical thinking and model “doing Science.” These “factual fiction” pieces provide an engaging narrative story about a character or historical figure applying the three dimensions of NGSS to explore a phenomenon, gather evidence, and apply reasoning to make a claim about how to explain it.
- Within the “Student Activity Guide,” each of the multi-day instructional units labeled as “Lessons” contain a complete phenomenon storyline, in which the learning in hands-on activities throughout the lesson provide students with insights to help them make sense of an initial phenomenon. By the end of the lesson, students are ready to apply NGSS’s Science and Engineering Practices and Cross-Cutting Concepts to provide a Claims-Evidence-Reasoning explanation for the phenomenon, as they saw modeled in the FUNomenal Reader.
- The Teacher Activity Guide is the key to facilitating *HMH Into Science*® K–5, by clearly spelling out how the FUNomenal Readers and the Student Activity Guide re-enforce each other through a Unit Storyline. Individual point-of-use prompts throughout the lesson give teachers the strategies to help students in their sensemaking journey, rather than merely being a summary of lecture notes.



HMH Into Science® K–5 was designed (and is routinely updated) using the **latest academic and scholarly work** about what makes science instruction most effective. The latest research base is available upon request.

HMH is committed to supporting teachers, schools, and districts with Professional Services from the point of initial program implementation and beyond. Our mission is to further the goals of the districts we serve, and we do this through a strong and established cadre of dedicated consultants ready to help districts of every size.

HMH Into Science® K–5 works. It results in confident science teachers, strong student scientists, and healthy learning environments. We are proud of the positive impact this program makes every day in classrooms across the country.