

March, 2019

Houghton Mifflin Harcourt
Response to EdReports Evaluation
HMH Into Math Florida

Introduction

Thank you for the opportunity to provide feedback on EdReports' review of *HMH Into Math Florida*. *Into Math Florida* continues HMH's deep commitment to education and improving lives through mathematics. Though we are confident that the efficacy of *HMH Into Math Florida* speaks for itself, we are also aware that opinions may vary. Allow us to shed new light on a few criteria that Houghton Mifflin Harcourt stands behind wholeheartedly in *HMH Into Math Florida*.

***Into Math Florida* Program Concept**

- *HMH Into Math Florida K-8* emphasizes the importance of the “why” behind the “how” with an all-new, research-based learning model that asks students first to attempt a problem using their previous knowledge base before learning the best practices for solving the problem.
 - With productive perseverance at the forefront, *HMH Into Math Florida K-8* features a unique learning arc in which we have taken the time to deliberately link the conceptual to the procedural within a rigorous framework designed to boost students' mathematical thinking skills and the ability to apply those concepts and skills throughout.
 - Equally important to student success, *HMH Into Math Florida K-8* embeds Growth Mindset strategies, developed with Mindset Works, to help students view themselves as capable mathematicians and fearless problem solvers.
- Each lesson has a focus Mathematical Practice based on the lesson's learning goal and the tasks that meet the learning goal. Questions are included in the Teacher's Edition to support teachers in facilitating and guiding student engagement with the Mathematical Practice. These focus Mathematical Practices are based on the type of lesson within the learning arc.
 - Build Conceptual Understanding lessons always include Spark Your Learning, a productive perseverance task. In these tasks, students must make sense of the problems and persevere in solving them as they work to find a solution pathway, construct viable arguments and critique the reasoning of others as they work together, and use appropriate tools strategically to arrive at an answer.
 - Connect Concepts and Skills lessons require students to look for and make use of structure as well as look for and express regularity in repeated reasoning. These Mathematical Practices help students connect their conceptual understanding from previous lessons to the more efficient procedures. Students will also model with

mathematics during these lessons as they further and more deeply connect their understanding to a procedure.

- Apply and Practice lessons provide opportunities for students to reason abstractly and quantitatively as well as attend to precision while they apply these learned procedures in practice.
- Other Mathematical Practices will be present as well, but not the focus of the learning experience. You will see these Mathematical Practices at the lesson opening page in the TE and labeled throughout the TE. Use these as opportunities to discuss other Mathematical Practices and how they are being used.
- During the Spark Your Learning tasks, students will be encouraged to use physical or digital manipulatives. Each Spark Your Learning has a small visual scaffold on the page if students are unsure of what tools to use.
- *Into Math* puts a strong emphasis on equity, giving all students access to rich mathematical tasks. Spark Your Learning tasks allow all students to focus on their own entry points, providing them the ability to complete the tasks and even take them farther as appropriate. This ensures all students are challenged at the appropriate levels. When students need additional support as they work through each task and as determined from the frequent embedded, informal assessment opportunities, teachers can provide robust resources for differentiation that are tied directly to the content, ensuring all students are making growth towards lesson goals.
- The new digital platform in *HMH Into Math Florida K-8* includes digital tools to support instruction, planning, and assessment, all in one easy interface. As students complete assignments online, they are given multiple attempts to answer the variety of questions and problems. If they answer incorrectly, they will receive tips, hints, and corrective feedback to solidify their learning.
 - Note: Full functionality of the online tools and materials was not available at the time of the review. Teachers can now edit assessment items to change the question and answer. Other changes are coming. *Ed* is continually growing, every day, as part of our vision to improve outcomes for all students.
- By offering an integrated assessment design, including diagnostic, formative, and summative assessments, *HMH Into Math Florida K-8* provides the tools necessary to advance, differentiate, and personalize instruction for every student, providing access and equity. Using the *Into Math* assessment suite, teachers are better armed to remove barriers to content for students and support any gaps in learning to maximize student outcomes and accelerate student growth. These course-level, module-level, and lesson-level assessments were systematically and purposefully developed to give teachers data to drive instruction.
 - The Assessment Guide contains course-level assessments, including a beginning, middle, and end of year test on course standards, as well as a Prerequisite Skills Inventory that assesses core precursor skills associated with grade level success. The program's powerful Interim Growth Assessment can be administered three times per year. It measures student growth on the Quantile Framework, predicts FSA success, and helps parents and educators track growth from year to year.
 - There are also two versions of a module test for every module in the Assessment Guide that evaluates students' mastery of concepts and skills taught in the module. These are also available digitally, providing auto-scoring and detailed reports.

- The module “Are You Ready?” is a diagnostic assessment that helps teachers to identify gaps and intervene as appropriate. If completed online on Ed, the system recommends grouping based on student performance and identifies gaps in understanding.
- The *Into Math* solution also provides lesson-level formative assessments in print and online. The Check Understanding, On My Own, and More Practice all provide students with tips, hints, and corrective feedback along with multiple attempts at success, encouraging perseverance. These formative assessments also provide teachers with detailed information to make critical, data-driven instructional decisions.
- The Getting Ready for FSA ancillary provides the practice students need to be prepared for the FSA. It includes a standards-based practice set for each Florida standard, as well as three practice tests, and all of it is available online for teachers to pinpoint students’ strengths and weaknesses. *HMH Into Math Florida K-8* provides equal access for all students and teachers. The program is WCAG 2.0 AA compliant and built upon Universal Design for Learning (UDL) principles to engage students based on their experiences and to leverage their diverse backgrounds to promote discussion. Embedded Professional Learning and Implementation Services help teachers embrace best practices in the classroom to meet the needs of all learners.
- 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 design meaningful learning experiences.
 - Within lessons, embedded professional learning provides ongoing suggestions and strategies and provides teachers the opportunity 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.

It is with absolute confidence that Houghton Mifflin Harcourt places *Into Math Florida* in the hands of teachers and students, and we are proud of the difference it is making.