



Middle School Grades 6–8 Meets ESSA

“DEMONSTRATES A RATIONALE” Evidence Criteria

The **Every Student Succeeds Act (ESSA)** promotes evidence-based education programs by ensuring that programs are proven to be effective in increasing student achievement. ESSA includes four levels of evidence: strong, moderate, promising, and evidence that demonstrates a rationale. The ratings of the ESSA level of evidence reflect the quality, rigor, and statistical significance of the research study design and findings of the study. HMH’s evidence ratings are based on the U.S. Department of Education’s nonregulatory guidance for ESSA. Evidence ratings issued by clearinghouses and independent research agencies (e.g., Evidence for ESSA) may differ due to the varying criteria used to judge evidence.

PROGRAM OVERVIEW

Houghton Mifflin Harcourt’s *GO Math!*® Middle School Grades 6–8 integrates the Standards for Mathematical practices along with conceptual fluency to foster the development of 21st-century skills. The program provides rigor, depth of understanding through interactive lessons, research-based instructional approaches, best practices, English learner support, and differentiated instructional resources to ensure success for all students.



STUDY LOCATION: Four schools in Arizona, Illinois, New Jersey, and Wisconsin
STUDY YEAR: 2015–2016
STUDY CONDUCTED BY: Educational Research Institute of America

EVIDENCE CRITERIA

Provides a well-specified logic model informed by research or evaluation

STUDY EVIDENCE & HIGHLIGHTS

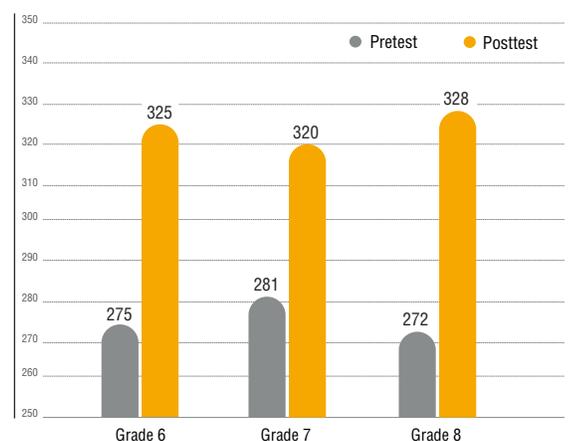
Houghton Mifflin Harcourt’s *GO Math!* Middle School Grades 6–8 is a focused, middle school mathematics program designed to meet the objectives and intent of the Common Core State Standards for Mathematics. The program provides thorough coverage of the standards with an emphasis on depth of instruction. The program is designed to provide coherent and focused progressions across the grades. Particular attention was given to providing support for teachers as they deliver this focused, rigorous curriculum. Students and teachers are supported by the program’s unique, write-in, interactive Student Editions at every grade, which allow students to represent, solve, and explain in one place, and by the features of the fully integrated *Go Digital!* resources, which harness the power of technology to support students’ deep mathematical learning.

Relevant research or an evaluation that suggests that the intervention is likely to improve student outcomes or other relevant outcomes; an effort to study the effects is underway at the higher evidence levels

Using a pretest/posttest research design, researchers examined the performance of 824 students who used *GO Math!* Middle School Grades 6–8 as their core math instruction during the 2015–2016 school year. The 27 teachers reported using the program five days a week for 45 to 60 minutes a day on average.

Statistical analyses indicated that students using *GO Math!* Middle School Grades 6–8 made statistically significant gains over the course of the year. This achievement occurred at all grade levels and for students identified as low achieving and high achieving based on the results of the pretest scores.

GO Math! 6–8 Standard Scores from Pretest to Posttest



To learn more about the research behind *GO Math!* Middle School Grades 6–8, visit hmhco.com/gomath

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