



Inquiry-Based Science Raises Scores in Science, Reading, and Math

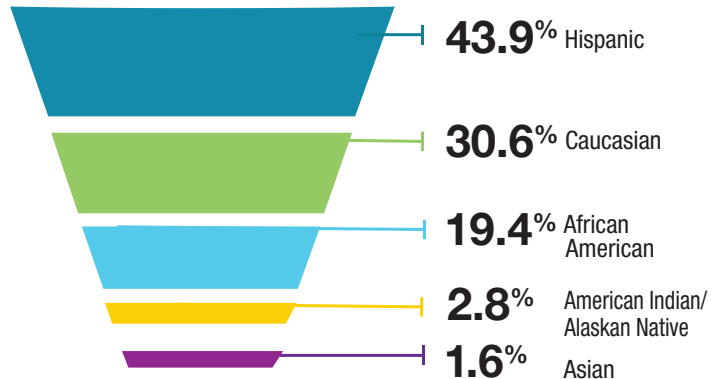
5 Year
LASER i3
Research
Study

The LASER* model of inquiry-based science education resulted in **statistically significant** and **educationally meaningful** improvements in achievement in **science, reading, and mathematics** as measured by standardized state assessments.

* The Leadership and Assistance for Science Education Reform model developed by the Smithsonian Science Education Center



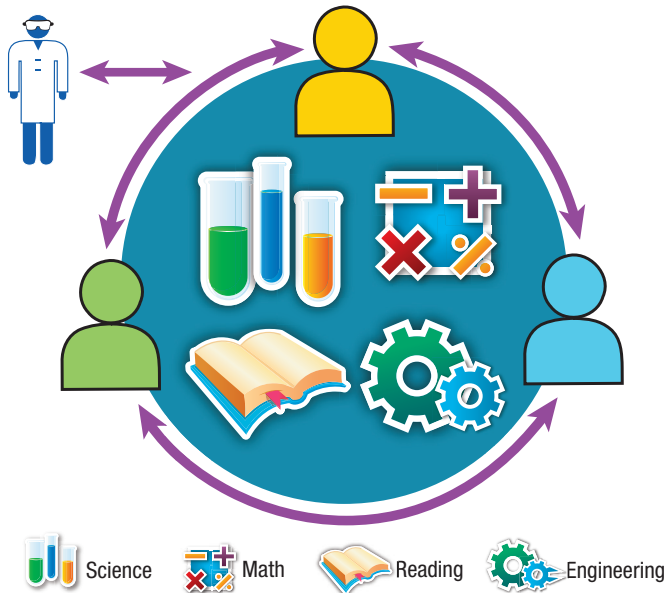
60,000
Grades 1–8 students impacted



Demographic information represents a subsample of 6,291 students in the study.

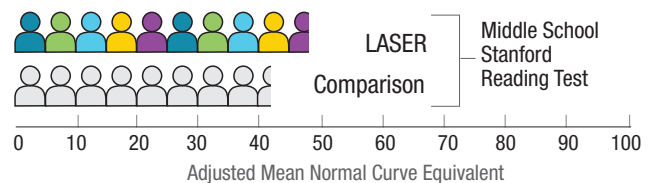
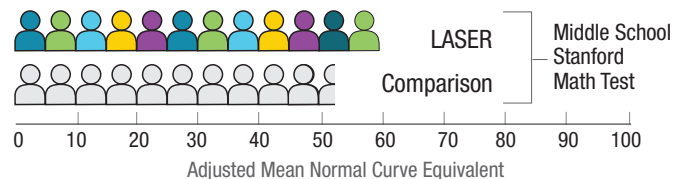
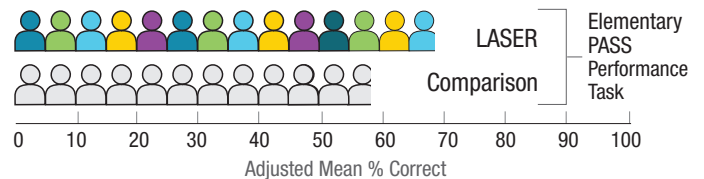
Inquiry Based

A student-centered method where students ask questions, solve problems, and design solutions and the teacher facilitates learning



Gains in science, reading, and math

Elementary and middle school students in the Houston Independent School District outperformed their peers in science, reading, and math.



Get the Details

Download the LASER i3 Executive Summary: www.carolina.com/stc/laser

Learn more about Smithsonian science curriculum programs: www.carolina.com/stc

Get started with the Smithsonian Science Education Center's LASER program: www.scienceeducation.si.edu