

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

Waggle® is a supplemental, adaptive practice solution for math and ELA (Grades 2–8) that personalizes learning, unifies resources, and empowers teachers. Its real-time data enables teachers to differentiate instruction at the individual, small-group, and class levels in and out of the classroom. Waggle's structure aligns with all curricula, making it easy to unify multiple core and supplemental resources.



DISTRICT: Anderson School District 1 (Palmetto Middle School), South Carolina
 STUDY YEAR: 2015–2016
 STUDY CONDUCTED BY: Interactive Educational Systems Design, Inc. (IESD)

EVIDENCE CRITERIA

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

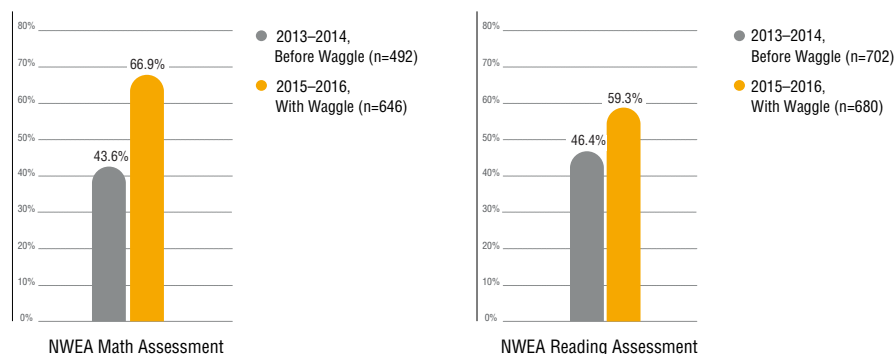
Relevant research or an evaluation that suggests that the intervention is likely to improve student outcomes or other relevant outcomes; an effort to study the effects is underway at the higher evidence levels

STUDY EVIDENCE & HIGHLIGHTS

Waggle's supplemental, adaptive practice centers on ongoing formative assessment. Its adaptive technology dynamically assesses knowledge to personalize each student's learning path. The intelligent adaptive engine analyzes multiple data points, both academic and behavioral, to provide students with the appropriate practice opportunities at the right times. Waggle rewards both proficiency and resilience to foster a growth mindset.

IESD evaluated the efficacy of Waggle for Grades 6, 7, and 8 at Palmetto Middle School using a pretest–posttest design. In the 2015–2016 school year, the first full year of schoolwide Waggle implementation, there was a 23.4% increase in students meeting or exceeding projected growth on the NWEA® MAP® math assessment compared to 2013–2014, the year before Waggle was introduced. In the same time period, reading results improved 12.9% on the NWEA MAP reading assessment.

Percentage of Students Meeting or Exceeding Projected Growth on NWEA MAP



To learn more about the research behind Waggle, visit hmhco.com/waggle