Accelerated Math (Mathematics)

Elementary School

Accelerated Math has <u>limited evidence</u> of effectiveness for elementary school mathematics. Across five qualifying studies included in this review, the median effect size on independent measures was +0.11.

Middle/High School

Accelerated Math has <u>insufficient evidence</u> of effectiveness for middle and high school mathematics. Across three qualifying studies included in this review, the weighted mean effect size was -0.02.

About Accelerated Math

Accelerated Math is a supplementary approach to mathematics instruction that uses computers to assess children's levels of performance, and then generates individualized assignments appropriate to their needs. Students scan completed assignments into the computer, which gives teachers regular diagnostic reports that they are expected to use to develop targeted interventions. The Accelerated Math curriculum focuses on foundational skills, especially computations, and is intended for use along with other traditional or reform-oriented math programs.

More on these reviews

For more on the reviews of Accelerated Math, read the BEE reviews of <u>elementary mathematics</u> and <u>middle and high school mathematics</u>.

More on Accelerated Math

For more information on Accelerated Math, visit www.renlearn.com/am/.

Accelerated Reader (Reading)

Beginning Reading

N There are no qualifying studies of Accelerated Reader for beginning reading.

Upper Elementary School

Accelerated Reader has <u>insufficient evidence</u> of effectiveness for upper elementary school reading. The two qualifying studies included in this review showed effect sizes of -0.03 and +0.06.

Middle/High School

Accelerated Reader has <u>limited evidence</u> of effectiveness for middle/high school reading. Across three qualifying studies included in this review, the mean effect size was +0.09.

About Accelerated Reader

Accelerated Reader is a supplemental program that assesses students' reading levels using a computer, which then prints out suggestions for reading materials at students' levels. Students read books or other materials and then take tests on the computer to show their comprehension of what

they have read. Students can earn recognition or rewards based on the number of tests that they have passed.

More on these reviews
For more on the reviews of Accelerated Reader, read the BEE reviews of <u>upper elementary reading</u> and <u>middle and high school reading</u>.

More on Accelerated Reader
For more information on Accelerated Reader, visit www.renlearn.com/ar/.

Best Evidence Encyclopedia (BEE)
For other reviews of research on education programs, see the Best Evidence Encyclopedia homepage at www.bestevidence.org.