

Accelerated Maths™ software is a computerised tool for efficient progress monitoring and management of students' personalised daily maths practice for years 2–13 within a formative assessment process. In diagnostic mode, Accelerated Maths helps teachers analyse individual skills deficiencies and fill in gaps in learning progressions as well as increase student practice of specific standards-linked skills.

Accelerated Maths personalises student maths practice and helps teachers generate assignments/tests, monitor progress and motivate students to succeed. Teachers use progress-monitoring information provided by Accelerated Maths to do what they do best—provide individualised, differentiated instruction to each student.

Key Research Support for Accelerated Maths—Effectiveness

E I P Spicuzza, R., Ysseldyke, J., Lemkuil, A., Kosciolk, S., Boys, C., & Teelucksingh, E. (2001). Effects of curriculum-based monitoring on classroom instruction and math achievement. *Journal of School Psychology, 39*(6), 521–542.

Available by request to research@renlearn.com
Summary: <http://doc.renlearn.com/KMNet/R001181703GD4955.pdf>

E I P Springer, R. M., Pugalee, D., & Algozzine, B. (2007). Improving mathematics skills of high school students. *The Clearing House, 81*(1), 37–44.

Available by request to research@renlearn.com
Summary: <http://doc.renlearn.com/KMNet/R003475520GEEA02.pdf>

E I P Ysseldyke, J., Spicuzza, R., Kosciolk, S., Teelucksingh, E., Boys, C., & Lemkuil, A. (2003). Using a curriculum-based instructional management system to enhance math achievement in urban schools. *Journal of Education for Students Placed At Risk, 8*(2), 247–265.

Available by request to research@renlearn.com
Summary: <http://doc.renlearn.com/KMNet/R003711127GF6B41.pdf>

E I P Ysseldyke, J., & Tardrew, S. (2007). Use of a progress monitoring system to enable teachers to differentiate mathematics instruction. *Journal of Applied School Psychology, 24*(1), 1–28.

Available by request to research@renlearn.com

E I P Ysseldyke, J., Tardrew, S., Betts, J., Thill, T., & Hannigan, E. (2004). Use of an instructional management system to enhance math instruction of gifted and talented students. *Journal for Education of the Gifted, 27*(4), 293–310.

Available by request to research@renlearn.com
Summary (L2256): <http://doc.renlearn.com/KMNet/R003557125GFD88E.pdf>

To access more than 90 additional research pieces on Accelerated Maths, please visit <http://research.renlearn.com>

E = Experimental/Quasi-Experimental **I** = Independent **P** = Peer-Reviewed

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