

## Peer-Reviewed Research Support for Renaissance Tools

As of April 2017

### Reading

#### Accelerated Reader 360®

Gorard, S., Siddiqui, N., & See, B. H. (in press). What works and what fails? Evidence from seven popular literacy 'catch-up' schemes for the transition to secondary school in England. *Research Papers in Education*.

Hansen, L. E., Collins, P., & Warschauer, M. (2009). Reading management programs: A review of the research. *Journal of Literacy and Technology*, 10(3), 55–80. Retrieved from [http://www.literacyandtechnology.org/uploads/1/3/6/8/136889/hansen\\_et\\_al\\_jlt\\_v10\\_3.pdf](http://www.literacyandtechnology.org/uploads/1/3/6/8/136889/hansen_et_al_jlt_v10_3.pdf)

Husman, J., Brem, S., & Duggan, M. A. (2005). Student goal orientation and formative assessment. *Academic Exchange Quarterly*, 9(3), 355–359. Retrieved from <http://www.rapidintellect.com/AEQweb/5oct304715.htm>

Johnson, R. A., & Howard, C. A. (2003). The effects of the Accelerated Reader program on the reading comprehension of pupils in grades three, four, and five. *The Reading Matrix*, 3(3), 87–96. Retrieved from [http://www.readingmatrix.com/articles/johnson\\_howard/article.pdf](http://www.readingmatrix.com/articles/johnson_howard/article.pdf)

McGlenn, J., & Parrish, A. (2002). Accelerating ESL students' reading progress with Accelerated Reader. *Reading Horizons*, 42(3), 175–189. Retrieved from [http://scholarworks.wmich.edu/cgi/viewcontent.cgi?article=1186&context=reading\\_horizons](http://scholarworks.wmich.edu/cgi/viewcontent.cgi?article=1186&context=reading_horizons)

Nunnery, J. A., Ross, S. M., & McDonald, A. (2006). A randomized experimental evaluation of the impact of Accelerated Reader/Reading Renaissance implementation on reading achievement in grades 3 to 6. *Journal of Education for Students Placed At Risk*, 11(1), 1–18. Retrieved from [http://www.memphis.edu/crep/pdfs/accelerated\\_reader\\_jespar\\_11\\_1\\_1-18.pdf](http://www.memphis.edu/crep/pdfs/accelerated_reader_jespar_11_1_1-18.pdf)

Peak, J. P., & Dewalt, M. W. (1994). Reading achievement: Effects of computerized reading management and enrichment. *ERS Spectrum*, 12(1), 31–35.

Rodriguez, S. (2007). The Accelerated Reader program's relationship to student achievement on the English-Language Arts California Standards Test. *The Reading Matrix*, 7(3), 191–205. Retrieved from <http://www.readingmatrix.com/articles/rodriguez/article.pdf>

Shannon, L. C., Styers, M. K., Wilkerson, S. B., & Peery, E. (2015). Computer-assisted learning in elementary reading: A randomized control trial. *Computers in the Schools*, 32(1), 20–34.

- Siddiqui, N., Gorard, S., & See, B. H. (2016). Accelerated Reader as a literacy catch-up intervention during primary to secondary school transition phase. *Educational Review*, 68(2), 139–154.
- Topping, K. J. (in press). Implementation fidelity and pupil achievement in book reading: Variation between regions, local authorities and schools. *Research Papers in Education*.
- Topping, K. J. (2015). Fiction and non-fiction reading and comprehension in preferred books. *Reading Psychology*, 36(4), 350–387.
- Topping, K. J., & Fisher, A. M. (2003). Computerised formative assessment of reading comprehension: Field trials in the U.K. *Journal of Research in Reading*, 26(3), 267–279. Retrieved from <http://www.renlearn.co.uk/wp-content/uploads/2010/12/Computerised%20formative%20assessment%20of%20reading%20comprehension.pdf>
- Topping, K. J., & Paul, T. (1999). Computer-assisted assessment of practice at reading: A large scale survey using Accelerated Reader data. *Reading and Writing Quarterly*, 15(3), 213–231. Retrieved from [http://ncset.uoregon.edu/ncset\\_media/refbase/Marilyn%20papers/Topping1999Assessment.pdf](http://ncset.uoregon.edu/ncset_media/refbase/Marilyn%20papers/Topping1999Assessment.pdf)
- Topping, K. J., Samuels, S. J., & Paul, T. (2008). Independent reading: The relationship of challenge, non-fiction and gender to achievement. *British Educational Research Journal*, 34(4), 505–524.
- Topping, K. J., Samuels, S. J., & Paul, T. (2007). Computerized assessment of independent reading: Effects of implementation quality on achievement gain. *School Effectiveness and School Improvement*, 18(2), 191–208.
- Topping, K. J., Samuels, S. J., & Paul, T. (2007). Does practice make perfect? Independent reading quantity, quality and student achievement. *Learning and Instruction*, 17(3), 253–264.
- Topping, K. J., & Sanders, W. L. (2000). Teacher effectiveness and computer assessment of reading: Relating value-added and learning information systems data. *School Effectiveness and School Improvement*, 11(3), 305–337.
- Vollands, S. R., Topping, K. J., & Evans, H. M. (1999). Computerized self-assessment of reading comprehension with the Accelerated Reader: Action research. *Reading and Writing Quarterly*, 15(3), 197–211. Retrieved from [http://ncset.uoregon.edu/ncset\\_media/refbase/Marilyn%20papers/Vollands1999accelerated.pdf](http://ncset.uoregon.edu/ncset_media/refbase/Marilyn%20papers/Vollands1999accelerated.pdf)

### ***Read Now™ Power Up!***

- Algozzine, B. (2004). Effects of Read Now on adolescents at risk for school failure. *Journal of At-Risk Issues*, 10(2), 1–8.

### **Star Early Literacy®**

- Clemens, N. H., Hagan-Burke, S., Luo, W., Cerda, C., Blakely, A., Frosch, J., Gamez, B., & Jones, M. (2015). The predictive validity of a computer-adaptive assessment of kindergarten and first-grade reading skills. *School Psychology Review*, 44(1), 76–97. Retrieved from [https://www.researchgate.net/publication/275040844\\_The\\_Predictive\\_Validity\\_of\\_a\\_Computer-Adaptive\\_Assessment\\_of\\_Kindergarten\\_and\\_First-Grade\\_Reading\\_Skills](https://www.researchgate.net/publication/275040844_The_Predictive_Validity_of_a_Computer-Adaptive_Assessment_of_Kindergarten_and_First-Grade_Reading_Skills)
- McBride, J. R., Ysseldyke, J., Milone, M., & Stickney, E. (2010). Technical adequacy and cost benefit of four measures of early literacy. *Canadian Journal of School Psychology*, 25(2), 189–204.

## Star Reading®

Algozzine, B., Wang, C., & Boukhtiarov, A. (2011). A comparison of progress monitoring scores and end-of-grade achievement. *New Waves-Educational Research & Development*, 14(1), 3–21. Retrieved from [http://www.viethconsulting.com/members/publication/new\\_waves\\_article.php?aid=19290171](http://www.viethconsulting.com/members/publication/new_waves_article.php?aid=19290171)

## Mathematics

### Accelerated Math®

Bolt, D. M., Ysseldyke, J., & Patterson, M. J. (2010). Students, teachers, and schools as sources of variability, integrity, and sustainability in implementing progress monitoring. *School Psychology Review*, 39(4), 612–630. Retrieved from <http://apps.nasponline.org/resources-and-publications/download.aspx?file=SPR/spr394bolt.pdf>

Burns, M. K., Klingbeil, D. A., & Ysseldyke, J. (2010). The effects of technology enhanced formative evaluation on student performance on state accountability math tests. *Psychology in the Schools*, 47(6), 582–591. Retrieved from [https://www.researchgate.net/profile/Matthew\\_Burns/publication/227861410\\_The\\_effects\\_of\\_technologyenhanced\\_formative\\_evaluation\\_on\\_student\\_performance\\_on\\_state\\_accountability\\_math\\_tests/links/54fef1370cf2eaf210b46c3c.pdf](https://www.researchgate.net/profile/Matthew_Burns/publication/227861410_The_effects_of_technologyenhanced_formative_evaluation_on_student_performance_on_state_accountability_math_tests/links/54fef1370cf2eaf210b46c3c.pdf)

Lambert, R., Algozzine, B., & McGee, J. (2014). Effects of progress monitoring on math performance of at-risk students. *British Journal of Education, Society and Behavioural Science*, 4(4), 527–540. Retrieved from <http://sciencedomain.org/download/MzMxNUBACGY>

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.

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

Ysseldyke, J., Betts, J., Thill, T., & Hannigan, E. (2004). Use of an instructional management system to improve mathematics skills for students in Title I programs. *Preventing School Failure*, 48(4), 10–14.

Ysseldyke, J., & Bolt, D. (2007). Effect of technology-enhanced continuous progress monitoring on math achievement. *School Psychology Review*, 36(3), 453–467. Retrieved from <http://questgarden.com/76/55/0/090212083730/files/progress%20monitoring%20math.pdf>

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.

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 the Education of the Gifted*, 27(4), 293–310. Retrieved from <http://files.eric.ed.gov/fulltext/EJ682720.pdf>

Ysseldyke, J., Spicuzza, R., Kosciolk, S., & Boys, C. (2003). Effects of a learning information system on mathematics achievement and classroom structure. *Journal of Educational Research*, 96(3), 163–173.

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. Retrieved from [https://www.researchgate.net/profile/Christopher\\_Boys/publication/241332637\\_Using\\_a\\_Curriculum-Based\\_Instructional\\_Management\\_System\\_to\\_Enhance\\_Math\\_Achievement\\_in\\_Urban\\_Schools/links/54ea2dc10cf25ba91c828a2c.pdf](https://www.researchgate.net/profile/Christopher_Boys/publication/241332637_Using_a_Curriculum-Based_Instructional_Management_System_to_Enhance_Math_Achievement_in_Urban_Schools/links/54ea2dc10cf25ba91c828a2c.pdf)

## **MathFacts in a Flash®**

- Burns, M. K., Kanive, R., & DeGrande, M. (2012). Effect of a computer-delivered math fact intervention as a supplemental intervention for math in third and fourth grades. *Remedial and Special Education*, 33(3) 184–191. Retrieved from [https://www.researchgate.net/publication/249835303\\_Effect\\_of\\_a\\_Computer-Delivered\\_Math\\_Fact\\_Intervention\\_as\\_a\\_Supplemental\\_Intervention\\_for\\_Math\\_in\\_Third\\_and\\_Fourth\\_Grades](https://www.researchgate.net/publication/249835303_Effect_of_a_Computer-Delivered_Math_Fact_Intervention_as_a_Supplemental_Intervention_for_Math_in_Third_and_Fourth_Grades)
- Burns, M. K., Ysseldyke, J., Nelson, P. M., & Kanive, R. (2015). Number of repetitions required to retain single-digit multiplication math facts for elementary students. *School Psychology Quarterly*, 30(3), 398–405. Retrieved from [https://www.researchgate.net/publication/268794384\\_Number\\_of\\_Repetitions\\_Required\\_to\\_Retain\\_Single-Digit\\_Multiplication\\_Math\\_Facts\\_for\\_Elementary\\_Students](https://www.researchgate.net/publication/268794384_Number_of_Repetitions_Required_to_Retain_Single-Digit_Multiplication_Math_Facts_for_Elementary_Students)
- Kanive, R., Nelson, P. M., Burns, M. K., & Ysseldyke, J. (2014). Comparison of the effects of computer-based practice and conceptual understanding interventions on mathematics fact retention and generalization. *The Journal of Educational Research*, 107(2), 83–89. Retrieved from [https://www.researchgate.net/publication/271933620\\_Comparison\\_of\\_the\\_Effects\\_of\\_Computer-Based\\_Practice\\_and\\_Conceptual\\_Understanding\\_Interventions\\_on\\_Mathematics\\_Fact\\_Retention\\_and\\_Generalization](https://www.researchgate.net/publication/271933620_Comparison_of_the_Effects_of_Computer-Based_Practice_and_Conceptual_Understanding_Interventions_on_Mathematics_Fact_Retention_and_Generalization)
- Nelson, P. M., Burns, M. K., Kanive, R., & Ysseldyke, J. (2013). Comparison of a math fact rehearsal and a mnemonic strategy approach for improving math fact fluency. *Journal of School Psychology*, 51(6), 659–667. Retrieved from [http://www.researchgate.net/profile/Matthew\\_Burns/publication/259112468\\_Comparison\\_of\\_a\\_math\\_fact\\_rehearsal\\_and\\_a\\_mnemonic\\_strategy\\_approach\\_for\\_improving\\_math\\_fact\\_fluency/links/5415adc20cf2bb7347db40b6.pdf](http://www.researchgate.net/profile/Matthew_Burns/publication/259112468_Comparison_of_a_math_fact_rehearsal_and_a_mnemonic_strategy_approach_for_improving_math_fact_fluency/links/5415adc20cf2bb7347db40b6.pdf)
- Stickney, E. M., Sharp, L. B., & Kenyon, A. S. (2012). Technology-enhanced assessment of math fact automaticity: Patterns of performance for low- and typically achieving students. *Assessment for Effective Intervention*, 37(2), 84–94.
- Ysseldyke, J., Thill, T., Pohl, J., & Bolt, D. (2005). Using MathFacts in a Flash to enhance computational fluency. *Journal of Evidence Based Practices for Schools*, 6(1), 59–89.

## **Star Math®**

- Nelson, P. M., Van Norman, E. R., Klingbeil, D. A., & Parker, D. C. (2017). Progress monitoring with computer adaptive assessments: The impact of data collection schedule on growth estimates. *Psychology in the Schools*, 54(5), 463–471.
- Shapiro, E. S., & Gebhardt, S. N. (2012). Comparing-computer adaptive and curriculum-based measurement methods of assessment. *School Psychology Review*, 41(3), 295–305.

Shapiro, E. S., Dennis, M. S., & Fu, Q. (2015). Comparing computer adaptive and curriculum-based measures of math in progress monitoring. *School Psychology Quarterly*, 30(4), 470–487.

## Multiple Products

### Accelerated Reader 360® and Accelerated Math®

- Holmes, C. T., Brown, C. L., & Algozzine, B. (2006). Promoting academic success for all students. *Academic Exchange Quarterly*, 10(3), 141–147.
- Nunnery, J. A., & Ross, S. M. (2007). The effects of the School Renaissance program on student achievement in reading and mathematics. *Research in the Schools*, 14(1), 40–59. Retrieved from [http://www.memphis.edu/crep/pdfs/effects\\_of\\_school\\_renaissance-journal\\_article.pdf](http://www.memphis.edu/crep/pdfs/effects_of_school_renaissance-journal_article.pdf)
- Yeh, S. S. (2010). The cost-effectiveness of 22 approaches for raising student achievement. *Journal of Education Finance*, 36(1), 38–75. Retrieved from [http://works.bepress.com/cgi/viewcontent.cgi?article=1002&context=stuart\\_yeh](http://works.bepress.com/cgi/viewcontent.cgi?article=1002&context=stuart_yeh)
- Yeh, S. S. (2010). The cost-effectiveness of NBPTS teacher certification. *Evaluation Review*, 34(3), 220–241. Retrieved from [http://works.bepress.com/cgi/viewcontent.cgi?article=1010&context=stuart\\_yeh](http://works.bepress.com/cgi/viewcontent.cgi?article=1010&context=stuart_yeh)
- Yeh, S. S. (2010). Understanding and addressing the achievement gap through individualized instruction and formative assessment. *Assessment in Education*, 17(2), 169–182.
- Yeh, S. S. (2009). Class size reduction or rapid formative assessment?: A comparison of cost-effectiveness. *Educational Research Review*, 4(1), 7–15.
- Yeh, S. S. (2009). Shifting the bell curve: The benefits and costs of raising student achievement. *Evaluation and Program Planning*, 32(1), 74–82. Retrieved from [http://works.bepress.com/cgi/viewcontent.cgi?article=1016&context=stuart\\_yeh](http://works.bepress.com/cgi/viewcontent.cgi?article=1016&context=stuart_yeh)
- Yeh, S. S. (2009). The cost-effectiveness of raising teacher quality. *Educational Research Review*, 4(3), 220–232.
- Yeh, S. S., & Ritter, J. (2009). The cost-effectiveness of replacing the bottom quartile of novice teachers through value-added teacher assessment. *Journal of Education Finance*, 34(4), 426–451. Retrieved from [http://works.bepress.com/cgi/viewcontent.cgi?article=1006&context=stuart\\_yeh](http://works.bepress.com/cgi/viewcontent.cgi?article=1006&context=stuart_yeh)
- Yeh, S. S. (2008). The cost-effectiveness of Comprehensive School Reform and rapid assessment. *Education Policy Analysis Archives*, 16(13). Retrieved from <http://epaa.asu.edu/ojs/article/viewFile/38/164>
- Yeh, S. S. (2007). The cost-effectiveness of five policies for improving student achievement. *American Journal of Evaluation*, 28(4), 416–436. Retrieved from [http://works.bepress.com/cgi/viewcontent.cgi?article=1008&context=stuart\\_yeh](http://works.bepress.com/cgi/viewcontent.cgi?article=1008&context=stuart_yeh)

## Star Early Literacy®, Star Math®, and Star Reading®

Haas, L. B., Stickney, E. M., & Ysseldyke, J. (2016). Using growth norms to set instructional goals for struggling students. *Journal of Applied School Psychology, 32*(1), 82–99.

Li, Y., Marion, S., Perie, M., & Gong, B. (2010). An approach for evaluating the technical quality of interim assessments. *Peabody Journal of Education: Issues of Leadership, Policy, and Organizations, 85*(2), 163–185. Retrieved from <http://qualityrubrics.pbworks.com/w/file/attach/50323744/Approach%20for%20Evaluating%20Technical%20Quality%20of%20Interim%20Assessments.pdf>

## Star Math® and Star Reading®

Monpas-Huber, J. B. (2015). Just pressing buttons? Validity evidence for the STAR and Smarter Balanced Summative Assessments. *The WERA Educational Journal, 8*(1), 39–44. Retrieved from <http://www.wera-web.org/wp-content/uploads/2015/12/WEJ-November-2015-final.pdf#page=39>

Ysseldyke, J., Scerra, C., Stickney, E., Beckler, A., Dituri, J., & Ellis, K. (in press). Academic growth expectations for students with emotional and behavior disorders. *Psychology in the Schools*.

## Hardware

### NEO™

Friedman, A. A., Zibit, M., & Coote, M. (2004). Telementoring as a collaborative agent for change. *The Journal of Technology, Learning, and Assessment, 3*(1). Retrieved from <http://ejournals.bc.edu/ojs/index.php/jtla/article/view/1654/1502>

Russell, M., Bebell, D., Cowan, J., & Corbelli, M. (2003). An AlphaSmart for each student: Do teaching and learning change with full access to word processors? *Computers and Composition, 20*, 51–76.

Swan, K., van 't Hooft, M., Kratcoski, A., & Unger, D. (2005). Uses and effects of mobile computing devices in K-8 classrooms. *Journal of Research on Technology and Education, 38*(1), 99–112. Retrieved from <http://files.eric.ed.gov/fulltext/EJ719939.pdf>

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