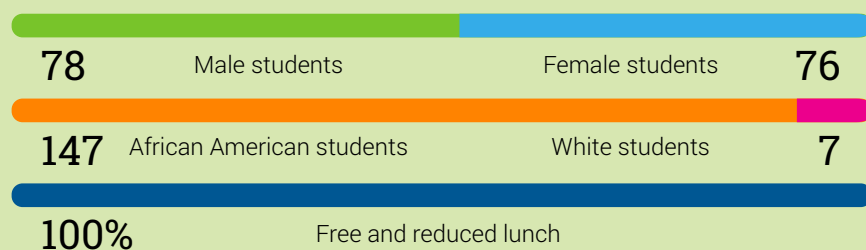
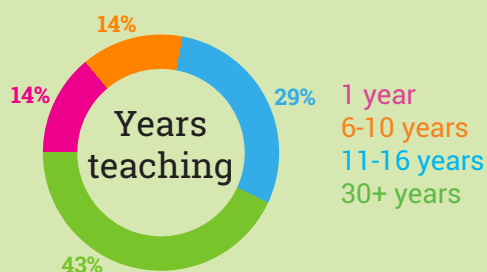


Does practicing with Renaissance Accelerated Math® impact growth and transform attitudes?

We studied students from two districts in Grades 7-10:



Teachers in the two districts:



In one southern state, researchers from The Institute for Evidenced-based Reform recently completed Phase I of a two-part study of teachers and students in grades 7 through 10 using Renaissance Accelerated Math® and Renaissance Star Math® software. Among the many questions they sought to answer: Does Accelerated Math impact student growth? What did teachers and students think about Accelerated Math?

Getting started

The study kicked off with 8 hours of onsite professional development in order to provide teachers with the proper support they needed to implement Accelerated Math with fidelity. Surveys indicated professional development had made a significant impact on how confident teachers were using their new software.

Teachers used best practices for Accelerated Math implementation, including practicing with the program four days a week for 20-25 minutes each session and placing students on their own instructional levels.

For the purpose of this study, students also completed a Star Math test each week.

What teachers thought

In the 10 years since Response to Intervention became mandatory, teachers have faced a lack of tools needed to meet the individual needs of the hundreds of students per grade they serve.

Teachers found that Accelerated Math offered a solution to the deficit in 1:1 conferencing time. Finally teachers enjoyed the opportunity to offer even a once-a-week conference with the student on his or her unique level, discussing what that particular student was working on—not what the whole class was studying. This 1:1 conferencing helped educators build relationships with students on a deeper level, both in content and personally. Teachers could make a truly transformative impact on young lives—one of the universal ambitions shared by educators across the globe.

(Continued on next page)

What students thought

Accelerated Math helped transform students' outlooks because it made math class all about them on a singular level. Students loved the immediate feedback they received on their assignments. Some secondary students were even able to achieve their first 100% ever on a math assignment, thanks to practice tailored to a personal level rather than an ill-fitting, blanket approach to an entire classroom full of students with vastly different math levels.

Systemically, Accelerated Math provided an important instructional resource and a routine. Students got into the groove of math class: practice, test, review, conference, repeat. They built good habits crucial to becoming confident students and sparked the curiosity of their inner mathematicians.

The conclusions

While research is ongoing and set to enter Phase II at the beginning of the 2016 school year, conclusions drawn from this study offer an affirmative as to whether Accelerated Math boosts growth and transforms math classrooms. The truly differentiated approach to the classroom routine allows for increased teacher attention for every student. Students are challenged at a level appropriate and unique to them, prompting them to practice and rewarding them for hard work. Incremental growth leads to long-term success and motivation for both students and their teachers.



What teachers loved:

- 1:1 conferencing time allows teachers to **build relationships** on a deeper level with students than previously possible
- **Easy differentiation** for hundreds of students per grade
- There is **no "down time"** in the Accelerated Math classroom
- **Review** is included in practice

What students loved:

- Immediate **feedback**
- 1:1 conferencing gives them time to **discuss their work** (not the whole class's work) with their teacher

What students didn't like:

- They could not easily figure out the answer every time—it required **deeper thought**
- They could not memorize math problems

The Star Math® Growth



Find out how you can inspire math growth by visiting
www.renaissance.com/products/practice/accelerated-math

RENAISSANCE®

©Copyright 2016 Renaissance Learning, Inc. All rights reserved. | (800) 338-4204 | www.renaissance.com

All logos, designs, and brand names for Renaissance's products and services, including but not limited to Accelerated Math, Renaissance, and Star Math are trademarks of Renaissance Learning, Inc., and its subsidiaries, registered, common law, or pending registration in the United States and other countries.

Brooklyn | Dallas | Fremont | Hood River | London | Madison | Minneapolis | San Francisco | Sydney | Toronto | Vancouver | Wisconsin Rapids

R60069.112322.101916