

Spotlight Schools

Leaders in Math Fact Fluency

OAKCREST ELEMENTARY, MARION COUNTY PUBLIC SCHOOLS, FL

**How did Oakcrest Elementary show Marion County the way to math fact fluency?
*FASTT Math!***

THE SPOTLIGHT SCHOOL:

Oakcrest Elementary is a pre-kindergarten through fifth-grade school located in the northeastern city limits of Ocala, FL. Oakcrest has the largest at-risk student population within the district with approximately 76% of its students on free- or reduced-lunch. Oakcrest has a diverse student population and a student mobility rate peaking at 52%. With class sizes increasing noticeably as students move through the grades, Oakcrest is faced with many challenges, the greatest of which is the district's math objective. This objective states that "at least 74% of all students in grades 3–5 will score a level 3 or higher in math on the Florida Comprehensive Assessment Test."

THE FASTT MATH STORY:

Jeannine Mills, principal of Oakcrest Elementary, understands that there are numerous factors that affect the academic success of underperforming students. From experience and knowledge, Mills knew that the use of technology to differentiate instruction was one tactic to help her struggling students inch closer to meeting the district's expectations. Because *FASTT Math* provides an easy implementation model of 10-minute customized daily sessions, Mills believed that *FASTT Math* would be the perfect complement to Oakcrest's math curriculum. Mills had *FASTT Math* installed in her school in December 2006 and became the pilot school for the rest of Marion County. After the installation, *FASTT Math* was seamlessly implemented into Oakcrest's existing math curriculum for grades 3–5, with 10-15 minutes of the 90-minute math block dedicated to *FASTT Math*. In February 2007 students in grades 3–5 began to use *FASTT Math* consistently for 4 to 5 days a week. Keeping their eyes on the district's math objective, Oakcrest's teachers focused on increasing multiplication fact fluency and assigned 179 students to the Multiplication Operation in the program to increase accuracy and speed with their multiplication facts.

District Download: Marion County Public Schools, FL

- **LOCATION:**
Marion County Public Schools is located in central Florida 80 miles northwest of Orlando.



- **THE SCHOOLS:**
 - 28 elementary schools
 - 8 middle schools
 - 1 K–8 school
 - 8 high schools
 - 2 charter schools
 - 14 special needs schools
- **ENROLLMENT:**
Over 42,000 students
- **THE VISION:**
"Leading the State in Raising Student Performance"

Additional information provided by
Marion County Public Schools website:
<http://www.marion.k12.fl.us/schools/index.cfm>

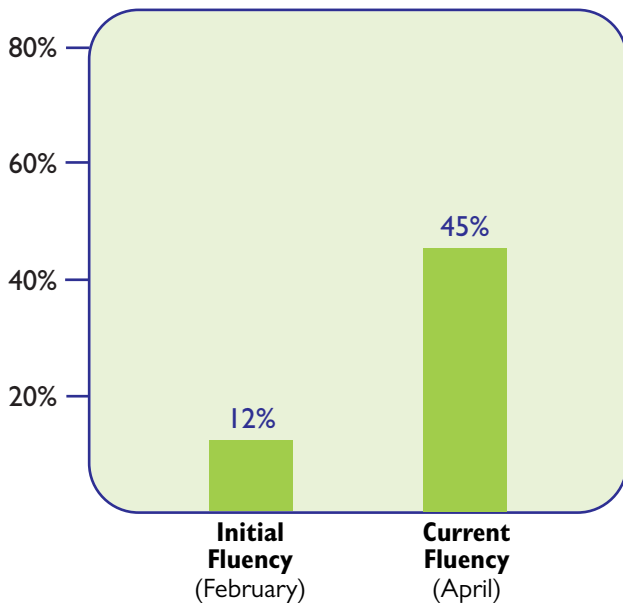
THE RESULTS AND CASE FOR EXPANSION:

After just three months using *FASTT Math* in its classrooms, Oakcrest Elementary saw remarkable results across grades 3–5. While just over 10% of students were initially Fluent or Near Fluent, closer to 50% of students were Fluent or Near Fluent after using *FASTT Math*. Furthermore, the percentage of students initially identified as Underperforming was reduced by more than half, which assisted in the school's overall academic improvement goals and the county's math objectives for that year. The good news traveled fast, and it was not long before the district office received word on Oakcrest Elementary's success. **Based on the results, the district made the decision to expand the *FASTT Math* program to 29 other schools across the district.**

OAKCREST ELEMENTARY SCHOOL RESULTS:

Multiplication Facts	Before <i>FASTT Math</i>	After 3 months of using <i>FASTT Math</i>
# of students Fluent/Near Fluent	23	88
# of students Developing	58	71
# of students Underperforming	113	35

PERCENTAGE OF FLUENT/NEAR FLUENT STUDENTS IN MULTIPLICATION



“ I was amazed at the difference I saw in my students. They were enthusiastic and eager to use *FASTT Math* each day. What I was most astonished by was the change in the students' confidence towards math. *FASTT Math* made it easy for me to communicate results and monitor progress.”

— Jeannine Mills,
Principal

For more information about *FASTT Math*
please call 877-234-7323 or visit www.fasttmath.com

What is *FASTT Math*?

FASTT Math is a math fact fluency intervention program that uses the research-validated FASTT system (Fluency and Automaticity through Systematic Teaching with Technology) to help all students develop fluency with basic math facts. The *FASTT Math* software program automatically differentiates instruction based on each student's individual fluency levels in customized, 10-minute daily sessions.