

FAST_T Math[®]

+ - ÷ X

Math fact fluency in just 10 minutes a day!



For more information, contact the Scholastic Regional Office that serves your state:

Scholastic Far West (800) 342-5331 (818) 610-7272 (818) 610-7474 FAX farwest@scholastic.com	Scholastic Midwest (800) 225-4625 (630) 323-3700 (630) 323-2115 FAX midwest@scholastic.com	Scholastic Northeast (800) 878-8398 (201) 633-2400 (201) 633-2671 FAX northeast@scholastic.com	Scholastic Southeast (800) 348-3750 (214) 414-3040 (877) 585-9545 FAX southeast@scholastic.com	Scholastic Southwest (800) 221-5312 (214) 414-3040 (888) 662-9455 FAX southwest@scholastic.com
---	--	--	--	--

Visit us online at www.fasttmath.com
or call toll-free at 877-234-7323.

$3+9=12$

$63\div 9=7$

$7\times 8=56$



SCHOLASTIC

Tom Snyder Productions[®]

Program Guide

ENTERPRISE EDITION

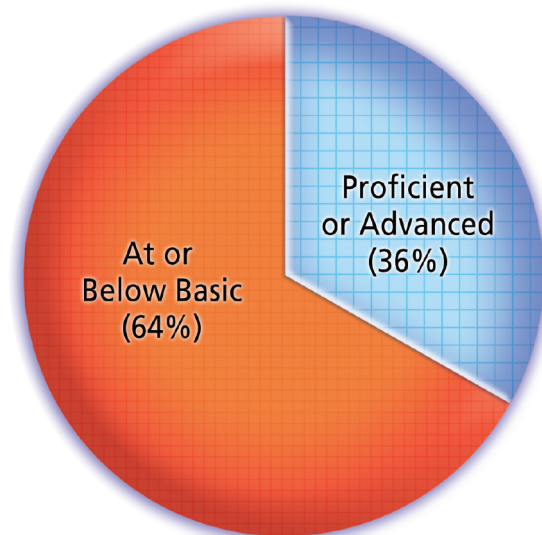
Introducing *FASTT Math*

The Challenge:

Too many students in our classrooms never master their math facts. They rely on inefficient strategies, such as finger counting, instead of quick recall. When they encounter more complicated math, like algebra and problem-solving, they get bogged down with calculating basic math facts. These students struggle to free up mental resources to focus on the higher-order math.

Developing quick recall of basic math facts—addition, subtraction, multiplication, and division—is a critical component of a strong foundation in elementary school mathematics. How can we effectively ensure our students are fluent in their math facts so they are ready to tackle more advanced math?

NAEP Mathematics Results, 4th and 8th Graders (2007)



Nearly two-thirds of our 4th and 8th graders are below proficient in mathematics.

Curriculum Focal Points

What Educators Say about Fluency

NCTM's Curriculum Focal Points* (2006) identify math fact fluency as an essential foundation of math and recommend that students develop quick recall of addition, subtraction, multiplication, and division facts.

*National Council of Teachers of Mathematics

The Solution: *FASTT Math*

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

Students are eager to build fluency in *FASTT Math* because of the targeted instruction, engaging practice games, and embedded motivators.

Teachers and administrators benefit from immediate progress monitoring, comprehensive reports, and a simple implementation model.

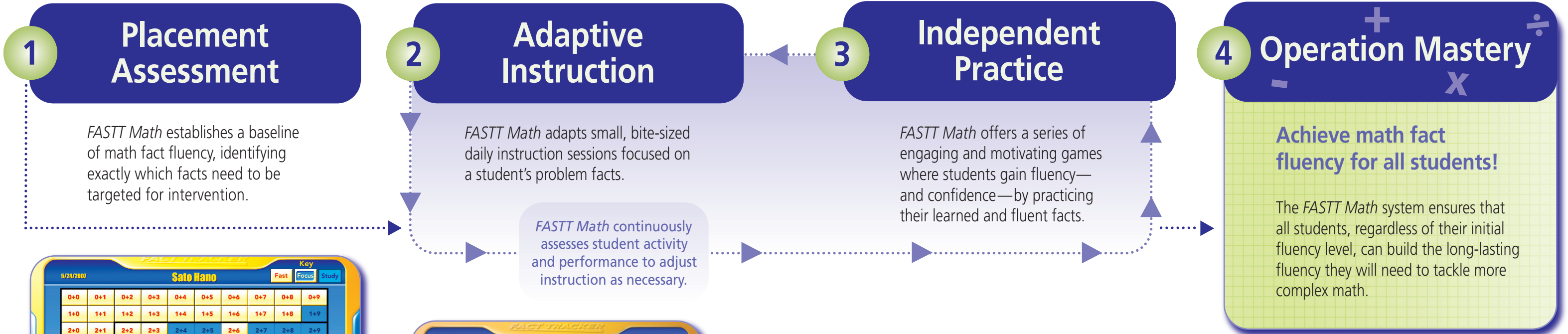
***FASTT Math* helps all of your students achieve math fact fluency—and build the confidence in mathematics they need to succeed.**

- Grades 2 and up
- Covers basic 0–9 and 0–12 addition, subtraction, multiplication, and division facts
- English and Spanish
- Flexible implementation designed to support any curriculum or schedule
- 10-minute instructional sessions
- Proven effective

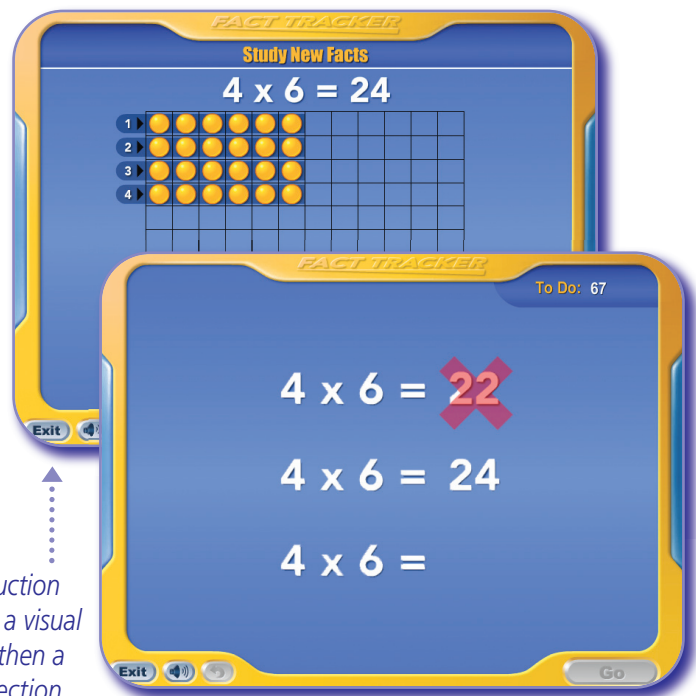


The FASTT Math System

FASTT Math delivers targeted, differentiated instruction to meet student needs. Every student has a unique, individualized learning experience, building fluency at the pace and level adapted specifically for that student.



The Fact Tracker is a grid of math facts that indicates the facts a student knows fluently and the facts a student still needs to learn.



Adaptive Instruction presents facts in a visual array to strengthen a memory connection to the facts.

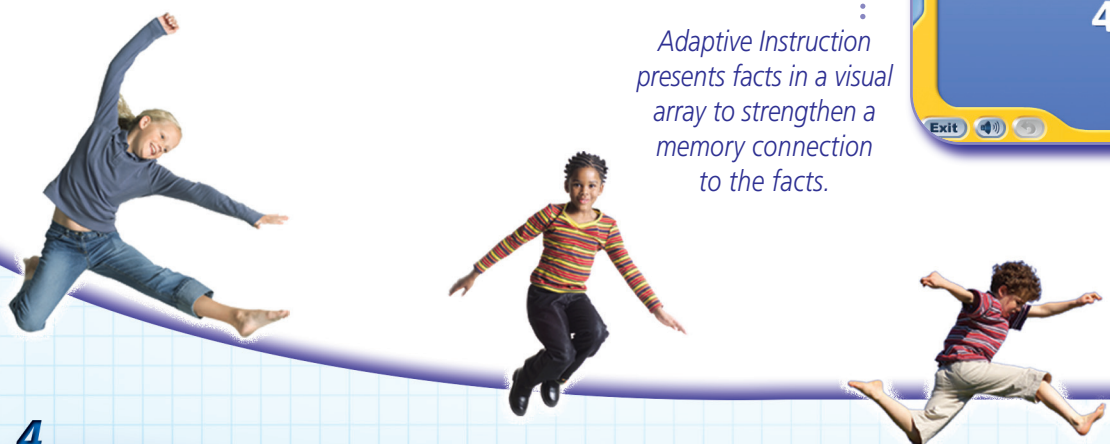
The program provides students with instant feedback.



A choice of games will engage all your students—from your 2nd graders to your 12th graders.



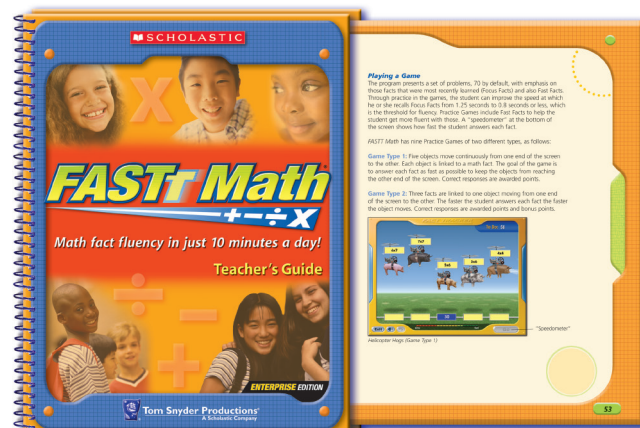
FASTT Math rewards students by offering them a growing number of styles in the Tracker Style Gallery.



Comprehensive Teacher Resources that Support Instruction

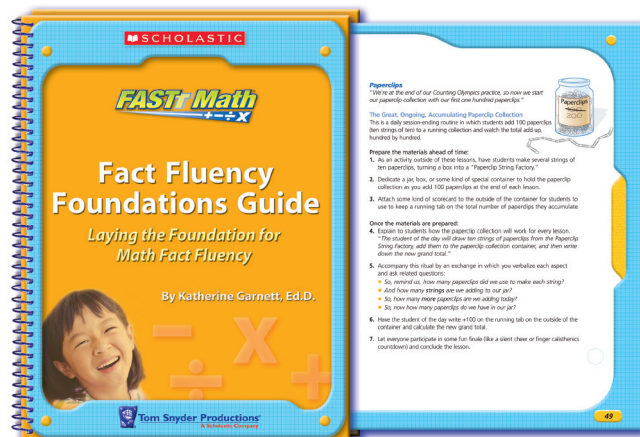
Teacher's Guide

Gives an in-depth overview of the entire FASTT Math program. Divided into point-of-use sections, the Teacher's Guide serves as an indispensable resource and helps educators support a successful implementation from the start.



Fact Fluency Foundations Guide

Provides teachers with interventions for those students who need additional development in number sense and conceptual understanding.



Motivating Student Materials

FASTT Math Software

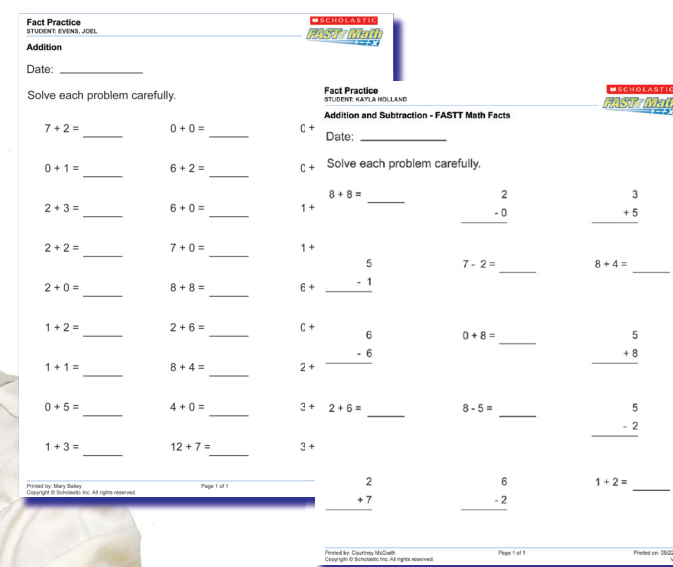
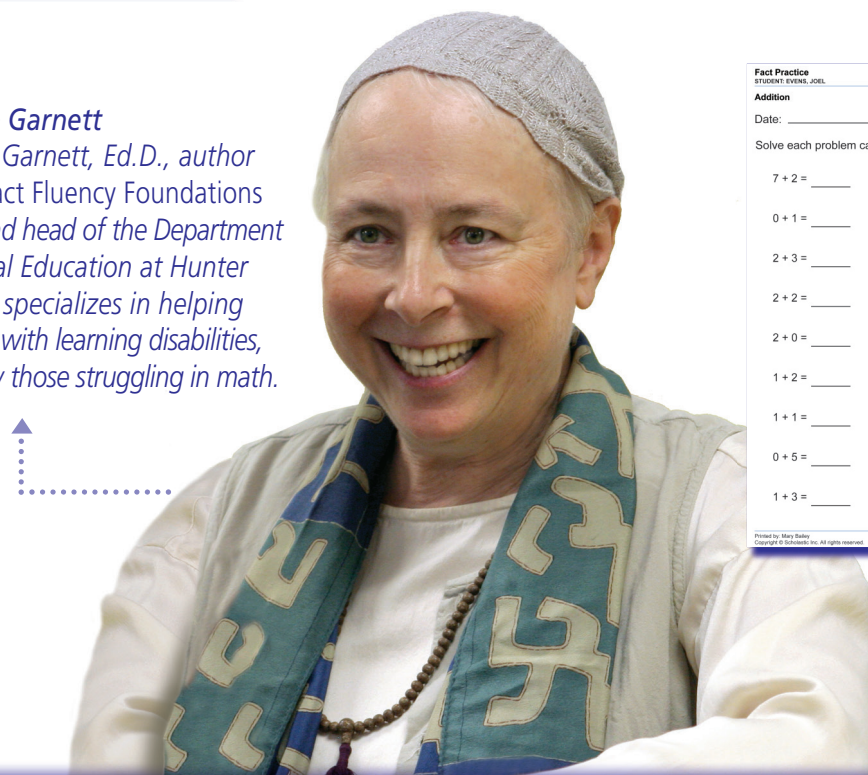
Includes instruction and practice for addition, subtraction, multiplication, and division facts from 0-9 and 0-12.



Scholastic Achievement Manager (SAM)

Facilitates student management and allows teachers and administrators to monitor growth across the district.

Dr. Kate Garnett
Dr. Kate Garnett, Ed.D., author of the Fact Fluency Foundations Guide and head of the Department of Special Education at Hunter College, specializes in helping students with learning disabilities, especially those struggling in math.



Individualized Practice Sheets

Creates an opportunity to extend the learning to paper and pencil and multi-digit computation.



The Management System

Student Management Made Powerful & Easy

SAM, the Scholastic Achievement Manager, is the dashboard for supporting data-driven instruction, meeting AYP accountability requirements, and enabling district-wide aggregation for teachers, administrators, and technology leaders.

The SmartBar makes it easy to navigate SAM, manage data, and run reports.

Import student data directly to SAM from your district Student Information System (SIS).

Generate reports for students, classes, schools, and districts.



Type	Message	Product	Date
<input type="checkbox"/>	System backup finished	SAM	5/14/07
<input type="checkbox"/>	Export for Aggregation Successful	SAM	5/14/07
<input type="checkbox"/>	Import Student Records Successful	SAM	5/14/07
<input type="checkbox"/>	Export Student Records Successful	SAM	5/14/07

Message area provides alerts, notifications, and reminders of students' progression and system data.

Comprehensive Management System

Teachers can easily manage each student's settings to differentiate instruction.

Adjust settings, such as: student's operation, problem format, or English/Spanish language preference.

See what operation each student is working on.

Actionable Reports, Accelerated Results

Powerful reports provide educators with the information they need to fine-tune instruction and improve student performance.

FASTT Math Implementation Report
DISTRICT: ROMEO SCHOOL DISTRICT
Time Period: 09/01/06 - 05/27/07

FASTT MATH AVERAGE USE	NUMBER OF STUDENTS
3 or greater times per week (recommended use)	209 (83%)
Fewer than 3 times per week	43 (17%)
TOTAL	252 (100%)

Intervention Grouping Report
CLASS: 2ND PERIOD
School: Romeo Elementary
Teacher: Courtney McGrath
Grade 5
Time Period: 01/08/07 - 06/27/07

INTERVENTION LEVEL (BASED ON PROGRESS WITH FASTT MATH)	STUDENT	OPERATION
Fluent 100% Fast Facts. Student has completed the operation.	Cabrowski, Jen	Addition (0-9) Addition (0-12)
Near fluent 80% or more Fast Facts and fewer than 100% Fast Facts.	Spades, Sandra	Addition (0-12)
	Cabrowski, Jen	Subtraction (0-9)
Developing 50% or more Fast Facts and fewer than 80% Fast Facts.	Bolles, Paris	Addition (0-9)
	Burges, Jarrett	Addition (0-9)
	Evans, Joel	Addition (0-9)
	Lel, Nick	Addition (0-12)
	Soneberg, Lloyd	Addition (0-9)
Underperforming Fewer than 50% Fast Facts *	Leighton, Andy	Addition (0-12)
	Jones, Tamara	Addition (0-9)
	Barco, Steven	Addition (0-9)
	Noble, Mary	Addition (0-9)
	Smith, Sally	Addition (0-9)

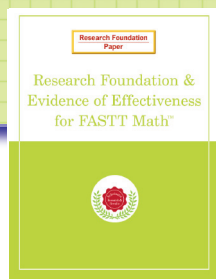
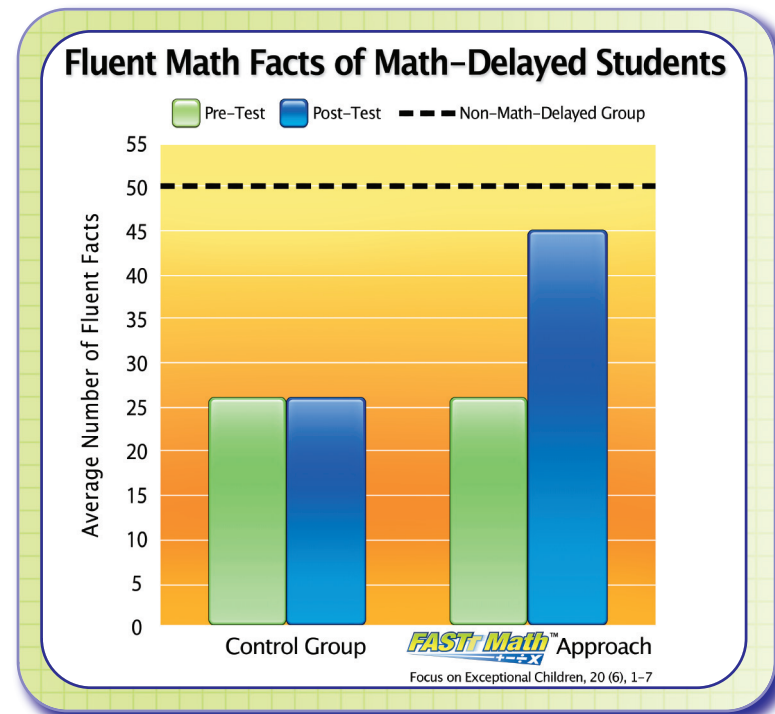
Student Fact Fluency Status Report
STUDENT: HOLLAND, KAYLA
School: Romeo Elementary
Teacher: Courtney McGrath
Grade 5
Math Class
Time Period: 07-06/27/07

With SAM, educators can easily generate on-screen and printable reports.

Evidence of Effectiveness

Through his research with struggling students, Dr. Ted Hasselbring identified a need for a targeted math fact fluency intervention. Discouraged by drill and practice programs, Hasselbring developed the *FASTT Math* approach, which helps students establish a lasting mental link between the facts and their answers.

The *FASTT Math* approach has been validated over several years of research with both non-struggling and struggling students. In the study depicted on the right, math-delayed students who used the *FASTT Math* approach increased their fluency by more than 70%. Those students who received no intervention showed no growth.



Research Foundation & Evidence of Effectiveness for *FASTT Math*

Research validated and classroom tested. Visit www.fasttmath.com to download your free copy of the Research Foundation paper.

Dr. Ted Hasselbring
 Dr. Hasselbring, Ed.D., is a professor in the Department of Special Education at the Peabody College of Vanderbilt University, and the former William T. Bryan Professor and Endowed Chair in Special Education Technology at the University of Kentucky. He is also the author of several technology programs designed to assist students with mild learning disabilities and those at-risk of school failure, including Scholastic's READ 180—the leading reading intervention program in the U.S.

Improving Fluency Nationwide

FASTT Math is thriving in over 2,000 schools nationwide and district leaders and teachers are seeing consistent results. *FASTT Math* is enhancing math curricula, and thousands of students have become math fact fluent while building confidence in math.

***FASTT Math* is producing quantifiable gains district-wide. Here are just a few examples of district-wide implementations:**

- Clark County School District, NV
- Greenfield Union School District, CA
- Hillsborough County Public Schools, FL
- Lafourche Parish School District, LA
- Madison County School District, KY
- Saint Paul Public Schools, MN
- Shelby County School District, AL
- Tippecanoe School Corporation of Lafayette, IN

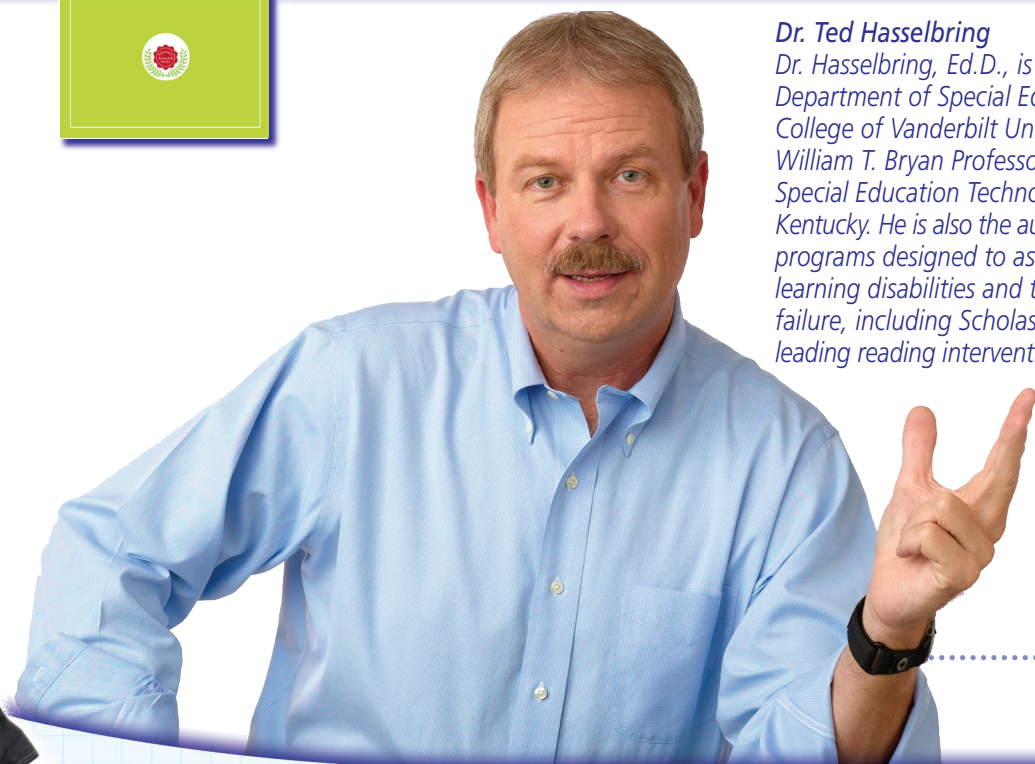
Teacher's Thoughts About *FASTT Math*

"FASTT Math has been instrumental in removing our schools from the category 'School Improvement for Math.' Our high stakes testing has shown remarkable improvement after the first year of FASTT Math implementation."

Barbara Burchard
 Elmore County Public Schools, AL

"FASTT Math consistently monitors the students' rate and accuracy with their math facts. FASTT Math keeps them fluent with the facts they know while at the same time challenging them on new facts. Classroom teachers are more than pleased that students find FASTT Math engaging and constantly look forward to the games."

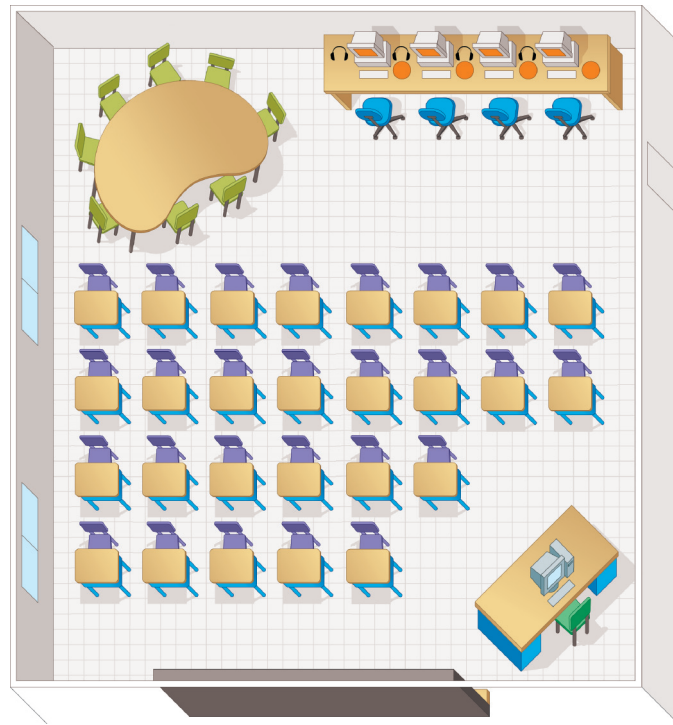
Rob Stratton
 Lee County School District, FL



Flexible Implementation for any School

Convenient in Classrooms

Students can quickly and independently rotate onto classroom computers for *FASTT Math* everyday.



Perfect for Computer Labs

Whether for the whole class or a small group, teachers can allocate 10–15 minutes of lab time for *FASTT Math*.

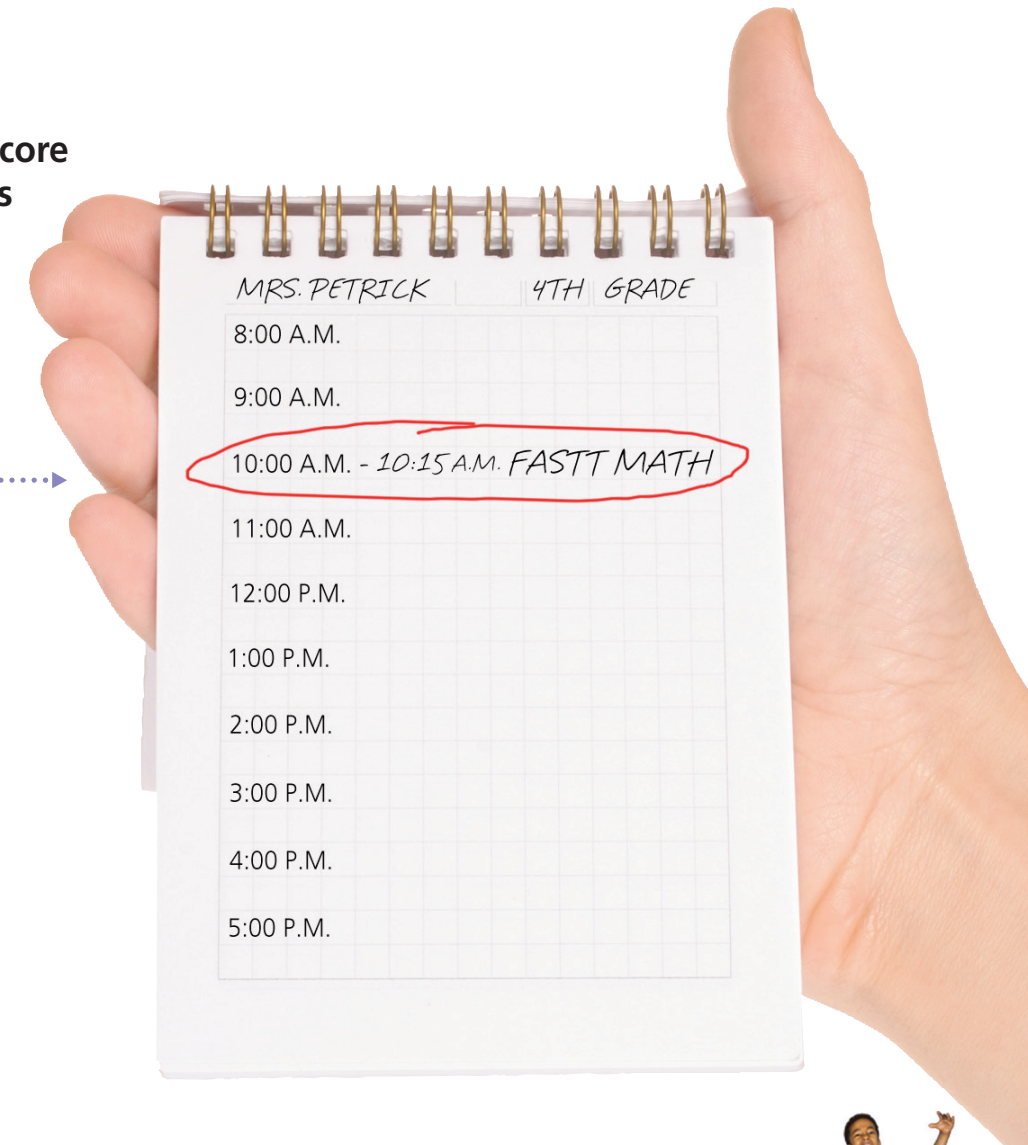
Easy Fit Within the School Day

FASTT Math improves math fact fluency for all of your students, including:

- Title I
- Special Education
- Struggling
- At-risk

The perfect complement to any core math program, *FASTT Math* suits every teacher's daily schedule.

- Before-school math program
- During homeroom
- Daily instructional math block
- Computer lab periods
- Targeted after-school programs
- Pull-out intervention
- Summer school

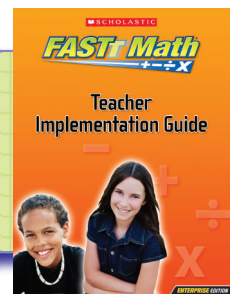


Implementation Training

We offer comprehensive implementation training, professional development, and district consultation to ensure that educators have a successful implementation. We will meet with district teams to develop an ongoing implementation and professional development plan.

In our carefully designed trainings, teachers and district leaders will learn how to:

- Implement the *FAST Math* instructional model.
- Use report data to monitor progress and individualize instruction.
- Integrate *FAST Math* into the existing mathematics curriculum.



Teacher Implementation Guide

This invaluable resource is a core tool for in-person *FAST Math* training and provides key resources for getting *FAST Math* up and running successfully in the classroom.

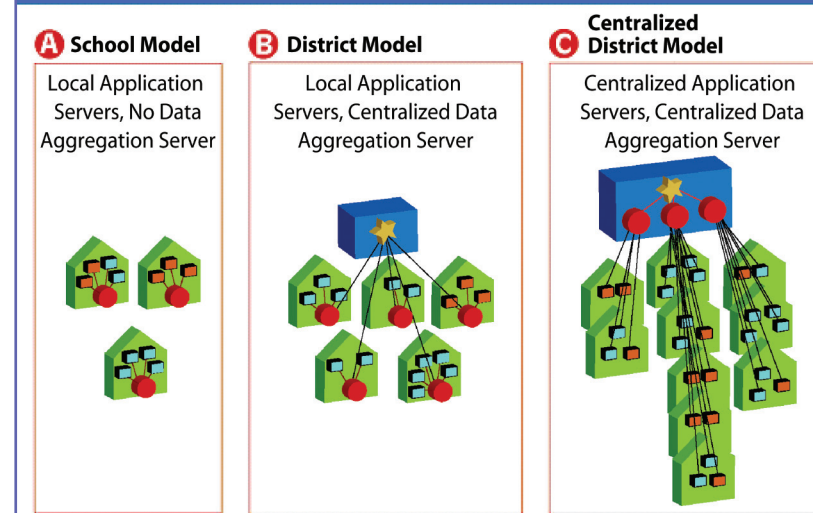


Network Configurations

FAST Math Enterprise Edition has a variety of deployment options. SAM utilizes HTTP for server/client communication for maximum flexibility within your school or district network configuration.

- Application Server
- Application Server
- Classroom With 1 Teacher and 6 Student Workstations
- Classroom With 1 Teacher and 26 Student Workstations

FAST Math Enterprise Edition Deployment Options



	Student Workstation		Teacher Workstation	
	WINDOWS®	MACINTOSH®	WINDOWS®	MACINTOSH®
PROCESSOR TYPE & SPEED:	Pentium IV/1.0GHz	G4/1.25GHz	Pentium IV/1.5GHz	G4/1.25GHz
MEMORY (RAM):	256MB	256MB	512MB	512MB
HARD DISK SPACE:	500MB	500MB	500MB	500MB
OPERATING SYSTEM:	Windows XP SP2	Mac OS X version 10.4.X	Windows XP SP2	Mac OS X v10.4.X
PERIPHERALS:	<ul style="list-style-type: none"> • 8x CD-ROM Drive • Headphones • CD Player • 800 x 600 16-Bit Color Monitor 	<ul style="list-style-type: none"> • 8x CD-ROM Drive • Headphones • CD Player • 800 x 600 16-Bit Color Monitor 	<ul style="list-style-type: none"> • 8x CD-ROM Drive • Headphones • CD Player • 800 x 600 16-Bit Color Monitor • TV Monitor • DVD Player • Internet Connection • Color Printer 	<ul style="list-style-type: none"> • 8x CD-ROM Drive • Headphones • CD Player • 800 x 600 16-Bit Color Monitor • TV Monitor • DVD Player • Internet Connection • Color Printer
	Application Server		Data Aggregation Server	
	WINDOWS®	MACINTOSH®	WINDOWS®	MACINTOSH®
PROCESSOR TYPE & SPEED:	Dual 3.2 GHz Xeon	Dual 2.0 GHz G5	Dual 3.2 GHz Xeon	Dual 2.0 GHz G5
MEMORY (RAM):	2048MB	2048MB	2048MB	2048MB
HARD DISK SPACE:	5GB	5GB	1GB per school	1GB per school
OPERATING SYSTEM:	Windows '03 Server	Mac OS X v10.4.X	Windows '03 Server	Mac OS X v10.4.X

Call to explore web hosting options.