

## Math Buddies in the USA

Marshall Cavendish Online's (MC Online's) *Math Buddies* has successfully brought Singapore Math beyond local shores. A comprehensive K-12 digital curriculum for mathematics that adopts the same pedagogical principles from Singapore mathematics textbooks, *Math Buddies* has been enthusiastically embraced by a multitude of schools in the USA.

Adopted by 1043 teachers and 8912 students from New York, New Jersey, Connecticut, Florida, Minnesota and Alaska as of August 2012, *Math Buddies* has been a huge hit with teachers and students alike. With personal testimonies from teachers on their experience of using *Math Buddies*, it's easy to see why *Math Buddies* has been, and continues to be a tremendous success in the USA.

**"We LOVE Math Buddies!!"**

**Roy Hensel, Third grade teacher  
Hendon/Lone Oak Elementary School, KY**

## Drawing Upon World Class Curriculum

With mathematics commonly found to be challenging for many students in the USA, *Math Buddies'* Singapore Math curriculum provides the foundation and support needed to help them excel. *Math Buddies* is based on *Shaping Maths* and *My Pals Are Here!*, mathematics textbooks published by our sister company, Marshall Cavendish Education, and used by most public schools in Singapore, which has consistently placed amongst the top 3 nations in the Trends in International Mathematics and Science Study (TIMSS) since 1995. Drawing upon world class curriculum, *Math Buddies* helps deepen students' conceptual understanding and improve their problem solving skills through extensive practices that consist of 6 comprehensive components – Pre-test, Teach, Learn, Guided Learning, Practice and Post-test.

**"Math is a weakness in our school and we are incorporating this program into the curriculum because it involves tutorials as well as practice for students."**

**Mrs Dana L. Spicer, Principal  
St. Peter's School, NY**



**Above left: A student revises math concepts independently by working on Math Buddies' extensive practice questions**

**Above right: Students learn new concepts by watching captivating multimedia tutorials that can be paused or played back at appropriate points to reinforce understanding**

"Students are really enjoying the program! The way the content is broken down allows kids to progress at their own pace. The program works well for basic instruction, remediation, and advanced learning."

Stephanie Wood, Grade 4 Teacher  
Reidland Elementary School, KY

## **Engaging Students And Encouraging Independent Learning**

Utilising a Concrete-Pictorial-Abstract approach in its innovative digital resources, *Math Buddies* aims to help students develop procedural fluency and critical problem-solving skills whilst having fun.

The interactive multimedia activities on Math Buddies' web-based platform are a draw for students, who find the colourful graphics and animations enjoyable and engaging. With step-by-step explanations and auto-grading features, the digital curriculum encourages students to engage in independent practice and self-manage their learning process. The online system gives students immediate feedback, and allows their results to be recorded and monitored by teachers, who are able to keep track of students' progress.



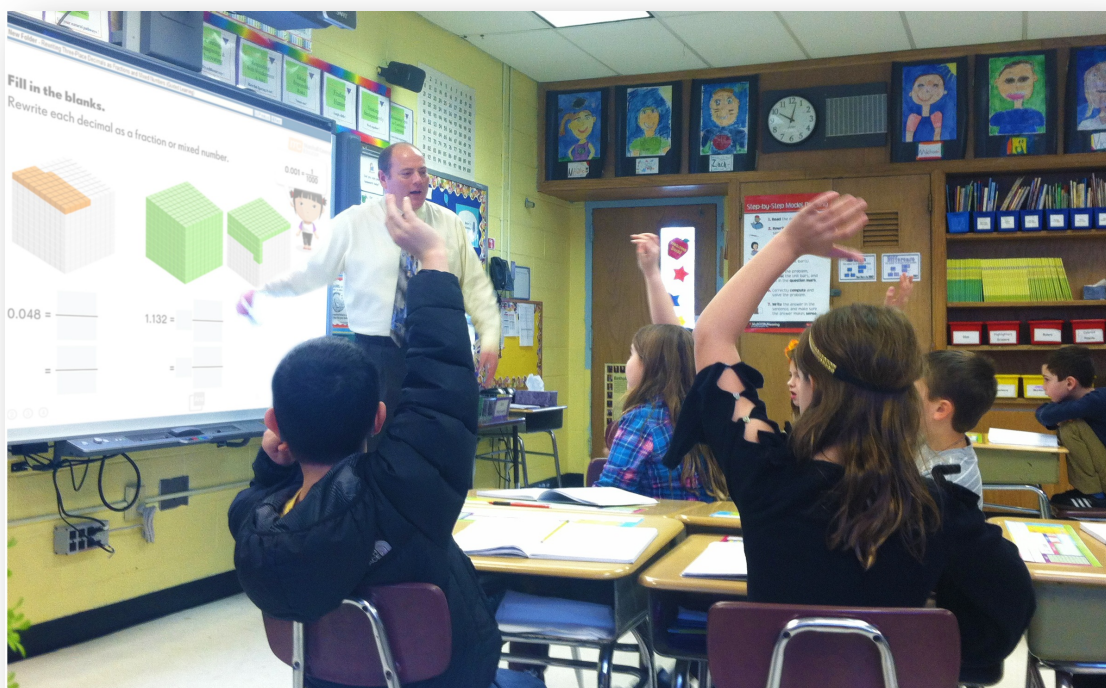
**Animated activities featuring colourful visuals and step-by-step guidance help engage students, and motivate them to engage in self-directed practice any time, anywhere**

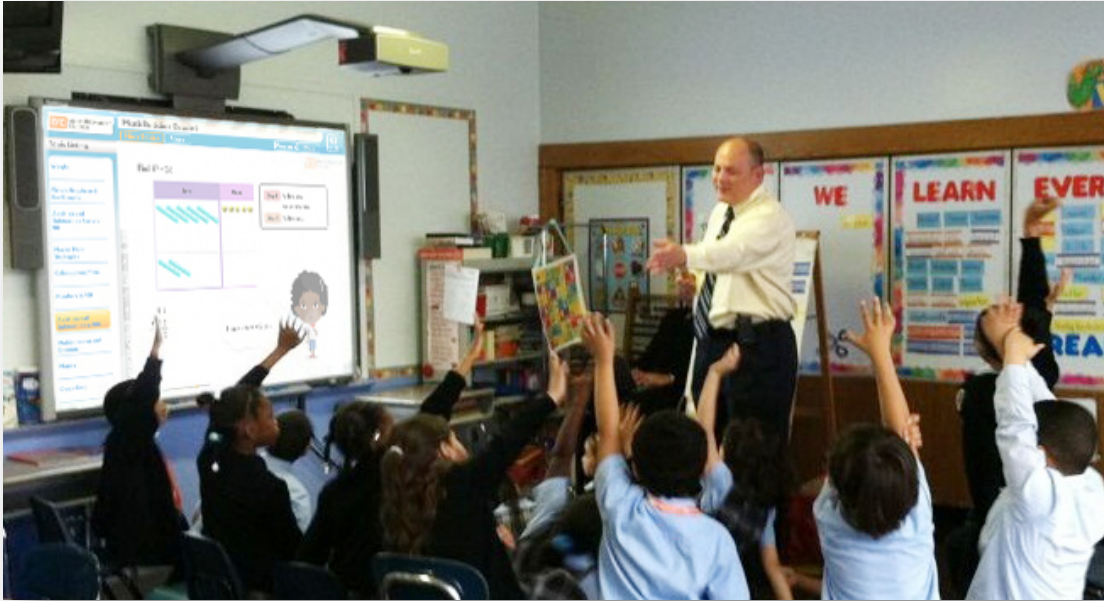
“Students enjoy the interactive features and get clear instruction throughout each lesson. Students can easily use Math Buddies at home, and I can track their progress from my own account. Students and parents have the ability to watch lessons from home, which is wonderful for kids who did not quite ‘get it’ in class. This is also a great feature for students who are absent.”

Kathryn Chase, Head Teacher, 3<sup>rd</sup> Grade  
Avenues: The World School, NY

## Empowering Teachers In Class

With ready-made lessons and many other innovative digital resources to tap on, *Math Buddies* helps ease teachers’ work flow while keeping students interested, with its wide variety of multimedia learning material that helps enhance and enrich lessons.





**A teacher uses Math Buddies on an interactive white board and successfully engages students in active class discussion**

“Math Buddies has significantly improved my teaching, while drastically decreasing my planning and preparation time. It is well-thought-out, thorough and very easy to use. There is also a great variety of activities and lessons for each unit. I use Math Buddies everyday in my classroom to introduce new concepts and skills.”

Kathryn Chase, Head Teacher, 3<sup>rd</sup> Grade  
Avenues: The World School, NY

Teachers also commented positively on the differentiated practices within the programme, which helped students with different learning abilities learn without pressure, and enabled them to customise lessons to meet the needs of individual students.

“Math Buddies makes it easy to differentiate, and I even have the ability to use materials from grade levels below and above my own.”

Kathryn Chase, Head Teacher, 3<sup>rd</sup> Grade  
Avenues: The World School, NY

“It can be tailored to meet the needs of individual students as lessons can be brought across grade levels once a student has a log in. Teachers can monitor student use and view student assessments to see progress or troublesome areas.”

Mrs Dana L. Spicer, Principal  
St. Peter's School, NY

## Inspiring Excellence In Teaching And Learning

Easy to teach and fun to learn, *Math Buddies* transforms mathematics by bringing excitement and anticipation to teaching and learning the subject. With its wide variety of engaging activities that help facilitate the delivery of dynamic lessons, *Math Buddies* continues to inspire teachers with new ways of teaching mathematics, and aid them in nurturing proactive, dedicated learners. With its remarkable standing in the USA, MC Online's *Math Buddies* is set to becoming an international success on the world frontier.

"Our teachers and students are so very excited about the online Math Buddies program as it helps the teachers to individualize and brings excitement for math to the students."

Rae-ann Allen  
Wooster School, Danbury, CT

"Many of them are excited and eager to get the students started with Math Buddies, as am I. This program will undoubtedly be an effective vehicle with which we can 'drive' our students to maximize their maximum potential."

Greg Gard  
Highville Charter School, Hamden, CT

"Math Buddies has found the best way to align teacher and student needs to the Singapore Mathematics curriculum. It allows students to reinforce the skills taught in Singapore Mathematics while helping teachers address students' strengths and weaknesses. Our students are showing so much growth because of targeted support Math Buddies provides!"

Lisa Powell, Principal  
Newark Legacy Charter School, Newark, NJ

For more information on *Math Buddies*, please visit [www.mymathbuddies.sg](http://www.mymathbuddies.sg) or send an email enquiry to [info@mconline.sg](mailto:info@mconline.sg)

