An inspiring and informed teacher is the most important school-related factor influencing student achievement, so it is critical to pay close attention to how we train and support both new and experienced educators. At Marshall Cavendish Education we are committed to providing quality professional development.
What Sets Marshall Cavendish Education Professional Development Apart?

At Marshall Cavendish Education (MCE) all professional development courses are prepared in cooperation with the Marshall Cavendish Institute to help educators bring the same success for which students in Singapore are world-renown, into your own classroom. Professional Development topics are based on guidelines and curricula established by the Singapore Ministry of Education and adapted for American schools. Importantly, each plan offers:

- Singapore-trained Trainers
- Proven teaching and learning strategies tailored to K–8 educator, school and district needs by MCE’s staff of experienced professionals
- Alignment with the Common Core State Standards in mathematics
- Methodology that integrates with a broad spectrum of math textbooks
- Instructional quality that reflects MCE’s global reputation for effective results

Since each teacher, school, and district has distinct objectives, Marshall Cavendish Education experts trained in both Singapore and the U.S. will assess educators’ needs and customize the program accordingly. This ensures targeted, high-quality programs that meet the needs of teachers in schools and districts across the country.

What Sets Singapore Math® Apart?

Two features of Singapore Math® are at the core of its global success; pedagogy and problem solving. Supported by decades of research, the pedagogy consists of a three-part instructional approach, namely the Concrete-Pictorial-Abstract (CPA) Approach. Together, the emphasis on problem solving and the CPA instructional method promote the progression of student learning from early understanding to competency to fluency.

About Marshall Cavendish Education

For nearly 40 years, Marshall Cavendish Education has been a leading academic publisher of K-12 math textbooks, workbooks, and digital curricula, including Math In Focus® and Primary Mathematics®. Headquartered in Singapore, the company has been on a mission to revitalize math instruction in classrooms worldwide. MCE’s products have been adopted by educators and embraced by students in more than 50 countries, and now, are fundamentally changing mathematics education in the United States. Marshall Cavendish Education’s Singapore Math® Approach, a holistic teaching and learning methodology co-created with Singapore’s Ministry of Education, uses a highly visual and comprehensive instructional approach that turns students into confident and successful problem solvers.

About Marshall Cavendish Institute

As a global teacher professional development institute, the Marshall Cavendish Institute (MCI) has expert academic teams who conduct educational research to develop holistic, research-based education programs. Intended to improve classroom practice, MCI also designs teacher training, in cooperation with the Singapore Ministry of Education, to provide a firm foundation in the fundamentals of mathematics instruction and ensure successful implementation of the Singapore Math® curriculum.
IN-SCHOOL PROFESSIONAL DEVELOPMENT

Marshall Cavendish Education (MCE) offers customized Singapore Math® In-School Professional Development for K-8 educators. MCE experts have designed a professional development program containing mathematics content interwoven with Singapore Math® pedagogy that equips teachers with strategies and best practices to provide great teaching for every child, every day.

MCE Professional Development delivers the necessary foundation, consistent support and pivotal guidance for mathematics educators and school leadership, resulting in improved teaching and student success. The MCE difference is a proven approach and a long-term relationship. Just as Singapore Math® follows a learning progression, so does MCE Professional Development and over time creates an environment where educators can continue to develop their skills and their confidence.

Creating A Customized Professional Development Plan

The expert staff at MCE collaborates with the educator to create the Singapore Math® Professional Development Plan to meet the school’s needs. Educators will progress through content and pedagogy courses simultaneously. The entry point for Content Progression is by grade, and for Pedagogy Progression the starting point is based on experience level using Singapore Math®.

MCE Professional Development: A Balance of Pedagogy and Content

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<th>Content Progression</th>
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<td>Teaching of Whole Number I</td>
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BEGINNER

Development of Early Numeracy in Kindergarten
Fundamentals of Singapore Math
Problem Solving in K-8 Mathematics

INTERMEDIATE

Anchor Tasks in K-8
Bar Model Method
Developing Mathematical Practices through Whole Numbers in K-5

ADVANCED

Differentiated Instruction in K-8 Mathematics
Formative Assessment for K-8 Mathematics
Designing Written Assessments (Selected Response)

Designing Written Assessments (Constructed Response)

WANT TO KNOW WHAT A PROGRAM WOULD LOOK LIKE AT YOUR SCHOOL?

To speak with a training professional about customizing a plan that suits your educators’ needs and availability, and to find out about pricing, please contact us at 800-821-9881 or customerservice@marshallcavendish.com
Research and Results

The Singapore Math® Approach emphasizes five essential and interdependent elements of learning:

1. Conceptual Understanding
2. Skills Development
3. Positive Attitudes Toward Math
4. Metacognition
5. Problem Solving Strategies

Singapore students lead in Trends in International Mathematics and Science Study (TIMSS)

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ADDITIONAL TEACHER SUPPORT

Use this best-selling five-part professional development series, *Teaching to Mastery*, to delve more deeply into bar modeling, whole numbers, fractions, decimals and proportional reasoning. Each text carefully links math content to Singapore Math® pedagogy and helps educators enhance their classroom practice.

For a complete list of available workbooks, the Math Buddies K-5 digital resource, manipulatives, and more, SHOP THE STORE at www.mceducation.us/shop.

Singapore Math® is a trademark of Singapore Math Inc.® and Marshall Cavendish Education Pte. Ltd.