

# Dear Family,

Welcome to *Math in Focus®: Singapore Math by Marshall Cavendish*, the world-class math curriculum from Singapore adapted for U.S. classrooms based on updated math standards.

The *Math in Focus®* program consists of Student textbooks and Workbooks that work together. At school, your child will use the Student textbook to learn math concepts and practice extensively to develop a deeper understanding. Your child will also participate in activities or games, and discuss his or her findings in class.

Your child will be assigned pages from the Workbook to be completed as individual work. This will include:

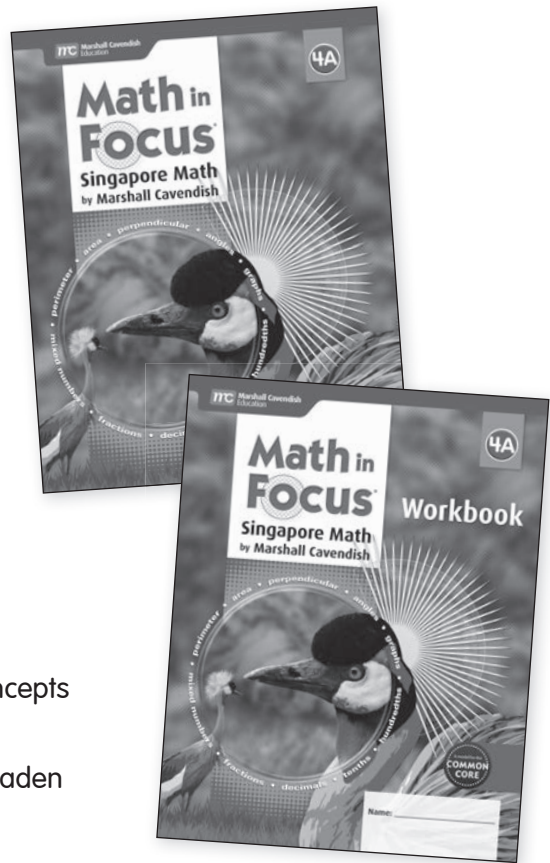
**Practice** problems to reinforce math skills and concepts

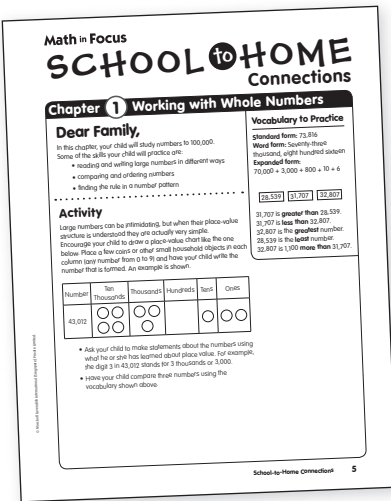
### Put on Your Thinking Cap!

- **Challenging Practice** problems to help broaden your child's thinking skills and extend their understanding of concepts
- **Problem Solving** questions to challenge your child to use relevant problem-solving strategies for non-routine problems

*Math in Focus®* addresses topics in greater depth at each grade. This year, your fourth grader will focus on:

- building problem-solving skills and strategies
- multiplying and dividing with 1-digit and 2-digit numbers
- using tables, graphs, data, and probability
- adding and subtracting with fractions and decimals
- understanding relationships between fractions and decimals
- studying angles, line segments, area, and perimeter





You can help your child build confidence as well as communication skills in mathematics by practicing newly acquired skills at home. Throughout the year, I will be sending home letters that will help you understand what your child will be learning in school. These letters contain activities that give you and your child an opportunity to work together to hone new skills.

You can encourage your child's efforts by taking advantage of opportunities to use math in everyday situations. Allow your child's math class-work or homework to guide you in determining the appropriate level of challenge.

While reading newspapers and magazines, invite your child to:

- estimate sums and differences
- look for tables and line graphs and interpret them
- keep an eye out for decimal numbers



At home or at the supermarket, challenge your child to:

- identify symmetric shapes and tessellations
- calculate the change he or she will get after buying groceries
- estimate monthly household bills

On car or bus trips, allow your child to:

- read decimal distances on the odometer
- calculate a fraction of the total distance traveled between two places
- make associations between turns and right angles



I look forward to working with you and your child this year. Please contact me if you have any questions about the program or about your child's progress.

# Estimada familia,

Bienvenidos a *Math in Focus*<sup>®</sup>: *Singapore Math by Marshall Cavendish*, el plan de estudios de matemáticas del cuarto grado de Singapur, adaptado para clases de EE.UU. según normas matemáticas actualizadas.

El programa *Math in Focus*<sup>®</sup> consta de textos y libros de trabajo para el estudiante que se utilizan en conjunto. En la escuela, su hijo utilizará el texto para el estudiante para aprender conceptos matemáticos y practicar extensamente con el objeto de lograr una mayor comprensión. Su hijo también participará en actividades o juegos, y conversará sobre sus hallazgos en clases.

A su hijo se le asignarán páginas del libro de trabajo para que las complete como trabajo individual. Esto incluirá:

Problemas **prácticos** para reforzar las destrezas y los conceptos matemáticos

## ¡Pon tu cerebro a trabajar!

- Problemas **prácticos desafiantes** para ayudar a ampliar las destrezas de pensamiento y su comprensión de los conceptos
- Preguntas para **resolución de problemas** para desafiar a su hijo a utilizar estrategias de resolución de problemas no rutinarios

*Math in Focus*<sup>®</sup> abarca temas con mayor profundidad en cada grado.

Este año, su hijo de cuarto grado se centrará en:

- crear destrezas y estrategias de resolución de problemas
- multiplicar y dividir con números de uno y dos dígitos
- usar tablas, gráficos, datos y probabilidad
- sumar y restar con fracciones y decimales
- entender relaciones entre fracciones y decimales
- estudiar ángulos, segmentos, área y perímetro

