

# Helping Your Child with Mathematics

## **Be a Learner Yourself**

- ◆ Learn to play with numbers using mental arithmetic.
- ◆ Play mathematical games at home that involve problem solving.
- ◆ Notice when you use mathematics in your everyday life and share this with your child.
- ◆ Demonstrate that you value persistence.
- ◆ Get to know the research on math education.

## **Be a Researcher**

- ◆ Become a question poser.
- ◆ Be curious about your child's thinking when he or she is doing math.
- ◆ Be a thoughtful listener.
- ◆ Ask questions that help you understand your child's thinking.
- ◆ Know that teaching by telling is not how people learn mathematics.

## **Be a Communicator**

- ◆ Recognize how important talking and writing are to learning mathematics.
- ◆ Talk with your child about the many ways to think about a math problem.
- ◆ Encourage diverse ways of solving problems.