



# SCOTT FORESMAN Investigations

IN NUMBER, DATA, AND SPACE®

As a way to become familiar with this unit:

- Read the selections
- Try/think through the Activities
- Review the Assessment opportunities
- Do the end-of-unit assessment tasks

## Trading Stickers, Combining Coins

This unit is the 1<sup>st</sup> of 9 units in third grade. It is part of the K-5 number and operations strand, and is the 1<sup>st</sup> of 3 units at this grade that focus on addition, subtraction, and the number system. This unit builds on the work of the previous units in this strand. Before teaching this unit, perhaps after working through this *Where to Start*, read *Mathematics in This Unit*, p. 10.

### Investigation 1: Hundreds, Tens, and Ones

These pages provide an overview of this Investigation:

- Mathematical Emphases (p. 21)
- Investigation 1 Planner (pp. 22 & 24)

The following activities and information support the key math ideas

- Teacher Note: Place Value (p. 143)
- Activity: Introducing Place Value: Stickers and Cubes (p. 27)
- Teacher Note: Addition Strategies (p. 149)
- Activity: Adding and Subtracting 10s and 1s (p. 40)
- Discussion: Story Problem Strategies (p. 45)
- Activities: Introducing How Many Stickers to Get 100? (p. 53), and How Many Stickers to Get 100? (p. 55)
- Discussion: Representing Strategies on the Number Line (p. 56)
- Activities: Introducing *Capture 5* (p. 61) and *Capture 5* (p. 62)
- Discussion: Strategies for *Capture 5* (p. 72)

### Investigation 2: Working with 100

These pages provide an overview of this Investigation:

- Mathematical Emphases (p. 91)
- Investigation 2 Planner (pp. 92 & 94)

### Preparation

- Materials to Gather and Prepare (pp. 23, 25, 93, 95)
- Review the logistics for Classroom Routine: *What's the Temperature?* (p. 33), and the complete write-up in *Implementing Investigations in Grade 3*, p. 40)

### Assessment

- Assessment in This Unit (p. 14)
- Assessment Activity (p. 68)
- Assessment Activity (p. 88) and Teacher Note (p. 153)
- Assessment Activity (p. 122) and Teacher Note (p. 161)
- End-of-Unit Assessment Activities (p. 140) and Teacher Note (p. 164)

### Practice & Review

- Classroom Routines and Ten-Minute Math (p. 18)
- Practice and Review (p. 19)

The following activities and information support the key math ideas:

- Activities: Introducing *Close to 100* (p. 103) and *Close to 100* (p. 106)
- Discussion: Strategies for *Close to 100* (p. 113)
- Dialogue Box: Strategies for *Close to 100* (p. 172)
- Discussion: Story Problem Strategies (p. 126)
- Math Workshop Activity: Sheets, Strips, and Singles (p. 130) and Discussion: Sheets, Strips, and Singles (p. 134)

**Teacher Notes** and **Dialogue Boxes** are important sources of information about mathematics content and about students' thinking about mathematical ideas. Each time you teach this unit, you can read more of this information.