



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

Pockets, Teeth, and Favorite Things

This unit is the 4th of 9 units in second grade. It builds on the work of the previous units in the K-5 data analysis and probability strand. Before teaching this unit, perhaps after working through this *Where to Start*, read *Mathematics in This Unit*, p. 10.

Investigation 1: Working with Categorical Data

These pages provide an overview of this Investigation:

- Mathematical Emphases (p. 19)
- Investigation 1 Planner (p. 20 & 22)

The following activities and information support the key math ideas:

- Activity: Guess My Rule with People (p. 25)
- Activities: Introducing Yekttis (p. 33) and Venn Diagrams (p. 42)
- Activities: Introducing “What’s Your Favorite Weekend Activity?” (p. 38) and Discussion: *What’s Your Favorite Weekend Activity?* (p. 49)

Investigation 2: Pocket and Teeth Data

These pages provide an overview of this Investigation:

- Mathematical Emphases (p. 67)
- Investigation 2 Planner (p. 68 & 70)

The following activities and information support the key math ideas:

- Activity: Pocket Towers and Pocket Plot (p. 79)
- Activity: Introducing Line Plots (p. 82)
- Teacher Note: Students’ Representations of Numerical Data (p. 124)
- Discussion: Comparing Teeth Data (p. 99)

Preparation

- Materials to Gather and Prepare (pp. 21, 23, 69, 71)
- Review the logistics of conducting the *Favorite Things Survey* (pp. 46-47, 51)
- Plan for how students will visit and survey other classes (pp. 87, 91)

Assessment

- Assessment in This Unit (p. 14)
- Assessment Activities (p. 64) and Teacher Notes (pp. 111 and 118)
- End-of-Unit Assessment Activities (p. 109) and Teacher Note (p. 127)

Practice & Review

- Classroom Routines (p. 16)
- Practice and Review (p. 17)
- Homework: Plus 10 Combinations (p. 40)

- Dialogue Box: Comparing Lost Teeth Data (p. 142)

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.