

Building Number Sense (The Number System)

Related *SFAW Mathematics* Chapters

Understanding Addition and Subtraction (Chapter 2)

Counting to 100 (Chapter 7)

Investigation 1: Visualizing Numbers

Session 1: Quick Images

Session 2: Compare Dots

Sessions 3 and 4: Copying Cubes

Sessions 5 and 6: Number Shapes

Sessions 7 and 8: Making Dot Pictures

Session 9: How Many Dots?

Investigation 2: Building Numbers in Different Ways

Session 1: Twelve Cats and Dogs

Session 2: Problems About Ten

Session 3: The Game of Double Compare

Sessions 4 and 5: Breaking Numbers into Two Parts

Sessions 6, 7, and 8: Towers of 10 and Number Choices

Session 9: Three Towers

Investigation 3: Counting

Sessions 1 and 2: The 100 Chart

Sessions 3 and 4: Which Holds More?

Sessions 5, 6, and 7: More Counting and Comparing

Session 8: Clapping Patterns

Session 9 (Excursion): Counting Stories

SFAW lessons replaced:

7-1 Numbers to 19

7-2 Counting by 10s to 100

7-3 Hundred Chart

7-7 Skip-Counting Patterns on the Hundred Chart

7-8 Using Skip Counting

7-9 Problem-Solving Strategy: Look for a Pattern

7-10 Before, After, and Between

7-13 Problem-Solving Applications: By the Sea

SFAW lessons to be taught/incorporated:

7-4 Counting with Groups of 10 and Leftovers

7-5 Estimating with Groups of 10

7-6 Problem-Solving Skill: Use Data from a Graph

7-11 Odd and Even Numbers

7-12 Ordinal Numbers Through Twentieth

Investigation 4: Addition and Subtraction

Session 1: Introducing Combining Situations

Session 2: Introducing Separating Situations

Sessions 3, 4, and 5: Five-in-a Row and Story Problems

Session 6: Dot Addition

Sessions 7, 8, and 9: Combining and Separating

Session 10: Solving Story Problems

SFAW lessons replaced:

2-1 Stories About Joining

2-2 Using Counters to Add

2-3 Using Numbers to Add

2-4 Zero in Addition

2-6 Problem-Solving Strategy: Write a Number Sentence

2-7 Stories About Separating

2-8 Using Counters to Subtract

2-9 Using Numbers to Subtract

2-10 Zero in Subtraction

2-12 Problem-Solving Skill: Choose an Operation

2-15 Problem-Solving Applications: Bugs, Bugs, Everywhere!

SFAW lessons to be taught/incorporated:

2-5 Vertical Addition

2-11 Vertical Subtraction

2-13 Using Cubes to Compare

2-14 Using Subtraction to Compare

End-of-Unit Assessment Options

- Investigations *Assessment Sourcebook*, pp. 8–12
 - *SFAW Mathematics* Chapters 2 and 7 Tests, Student Book pp. 87 and 277
 - *SFAW ExamView®* Test Generator: Chapters 2 and 7
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