

The Action of Subtraction

Grade 1

3 skill lessons · 3 math-through-reading

Skill lessons

3 lessons on the mathematics the book carries. Printable workbook pages and teacher keys are not available for this book yet.

1. Seven Bulldogs, Three Gone, Four Left

Concept · Taking away from a group and counting what is left

2. Sally First, Then Mary Kate

Application · Two-step take-away where the second step starts from the first result

3. Ten Pins, Eight Down, and What Is Means

Representation · Reading a subtraction sentence and matching it to objects

Math through the reading

The mathematics is reached through a sentence the book prints: change one word in the reading and the numbers change with it. These carry their own standards, matched against these lessons rather than inherited from the skill ones.

4. The Words That Empty the Mat

Integrated · Students find the single word in each of the book's lines that decides whether counters leave the mat, then prove its force by swapping it and rebuilding.

5. The Number in the Middle

Integrated · Students carry Jen's twelve animals through two givings on trays and discover that the ten the book prints exists only if Sally is served first.

6. Which Ball Did More Work?

Integrated · Students settle a question the poem leaves open, whether the ball that knocked eight pins or the ball that knocked the last two did more of the work, using the book's own four numbers as evidence.

Reading and language lessons

5 lessons on the reading and language the book carries - what a word means in its sentence, how a character is shown, how a text is built. No mathematics: these are matched against the English language arts curricula, which are a different and smaller set than the mathematics ones.

7. Words That Chime: Finding the Rhymes in a Poem

Language · Hearing and Naming Rhyming Words in a Poem

8. Saying It Twice: How This Book Explains a Word

Language · Reading a Definition and Saying It Another Way

9. Fewer, Shorter, Smaller: A Poem's Words for Getting Less

Language · Words for Less: Fewer, Smaller, Shorter, Not as Much

10. Where Does It Stop? Reading a Line With a Missing Full Stop

Language · Knowing Where One Sentence Ends and the Next Begins

11. A Shrinking Kind of Action: Words That Make a Picture

Language · Picturing What a Poem's Describing Words Show You