

On the Scale, a Weighty Tale

Grade 2

4 skill lessons · 3 math-through-reading

Skill lessons

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

1. Which Unit Fits This Thing?

Concept · Choosing a fitting unit of weight for an object

2. The Weight Ladder

Reasoning · Ordering objects by stated weight and placing a new object in the order

3. Sixteen Slices in a Pound

Fluency · Counting to sixteen and halving a set of sixteen

4. Read It, Write It, Say the Unit

Representation · Reading a scale in whole grams and recording a number with its unit

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.

5. About, Equals, Make

Integrated · The book uses about on its objects and equals on its tables, and students find out by weighing which of the two words their own scale reading is allowed to disagree with.

6. What Does One Pear Weigh?

Integrated · The book weighs pears only in pairs, and students find the weight of a single one by splitting the sixteen slices the book told them to picture.

7. One Slice Against Sixteen

Integrated · The book makes a slice of bread weigh an ounce and two pears weigh a pound, and students build the sixteen-to-one relation as a stack and then say it from both ends.

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.

8. The book stops to say what weight is

Vocabulary · Finding the sentence in which a text defines its own key word

9. Whales and scales in the same breath

Language · Noticing rhyme inside a line as well as at its end and saying what it does

10. A ton of stuff

Vocabulary · Explaining a phrase a writer uses for two meanings at once

11. The list at the back

Comprehension · Reading a back-of-book list and saying how its sentences are built the same way

12. When the page gets it wrong

Language · Reading a printed line whose words have been garbled and saying what is still recoverable