

Shopping Trip Math

Grade 4

5 skill lessons · 4 math-through-reading

Skill lessons

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

1. Cheaper on the screen or cheaper in the shop?

Application · Comparing two totals built from the same items under different fees

2. Does the money stretch to the bird seed?

Fluency · Adding a column of money amounts and testing a total against a budget

3. The bigger price that buys the cheaper paint

Concept · Finding a unit price by dividing, then comparing two rates

4. Why fifteen percent loses to ten

Concept · Applying two percentage discounts of different scope and choosing the cheaper

5. How many rooms pays off the books?

Reasoning · Working backwards from a shortfall to a count of equal payments

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.

6. The words that tell you what to divide

Integrated · Students collect the book's rate words, sort them by the operation each one sets up, and prove one of them load-bearing by swapping it and watching the answer change.

7. The number the page refuses to print

Integrated · Students sort a section's quantities into those the book states and those it withholds, then prove the withheld one is determined by finding it two independent ways.

8. Talk Nicole out of the bigger number

Integrated · Students compute both coupons, take a position on which Nicole should use, and say it to her out loud in a sentence that carries the numbers.

9. Cheaper, but you have to say what for

Integrated · Students turn a comparison the book leaves in the wrong units into one that can be said both ways round, and find that the sentence reverses only once both sides sit on a quart.

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.

10. Burr! Openings That Make You Want to Keep Reading

Language · Analysing How a Writer Opens a Section to Draw a Reader In

11. Contents and Glossary: The Parts That Are Not Chapters

Language · Using a Book's Contents Page and Glossary to Find Things Out

12. What They Want, What Gets in the Way

Language · Working Out What a Person Wants and What Stands in Their Way

13. A Beg of Bird Seed: Catching the Wrong Word

Language · Using Context to Identify a Word That Was Typed Wrongly

14. You Head to the Store: When the Book Puts You In It

Language · Noticing When a Text Switches to Speaking Directly to the Reader