

Sorting Through Spring (Math in Nature)

Grade 1

4 skill lessons · 2 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. Sort the Antlers, Then Sort Them Again

Concept · Sorting a collection by one attribute, then re-sorting the same collection by a different one

2. Say the Rule, Then Say What Comes Next

Reasoning · Reading a repeating pattern, naming its rule, and saying what comes next

3. More Than Five, Fewer Than Five, Exactly Five

Concept · Comparing a count with five and saying whether it is greater than, less than, or equal to it

4. The Tallest Bar Answers the Question

Representation · Reading a bar graph to find which category has the most, and answering a question from it

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. The Word That Makes You Sort Them Twice

Integrated · Students find that the small word else is what turns one sort into two, and prove it by carrying out the book's question both ways over the same tray of antlers.

6. Answering the Book Back: Is There a Right Way to Sort?

Integrated · Students take a position on whether the book's colour sort is the correct one and defend it out loud with pile counts from their own tray.

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. Plop, Drop, Plop: Reading Rain With Your Ears

Language · Hearing Sound Words and Rhyme in a Poem

8. Question Page, Notes Page: The Same Worms Written Twice

Comprehension · Comparing Two Ways a Book Writes About One Thing

9. What If: Questions That Ask You to Imagine

Comprehension · Telling an Imagining Question From a Real One

10. Woo Woo Flap: Saying a Line the Book Wants Performed

Language · Reading a Line Aloud the Way It Is Written

11. Before and After: The Words That Fix the Day in Order

Language · Reading Words That Put Things in Time Order