

2 X 2 = Boo!

Grade 3

5 skill lessons · 3 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. Three Scarecrows, Same Parts Each

Concept · Multiplication as equal groups

2. The Spell That Empties Any Crowd

Reasoning · Multiplying a whole number by zero

3. Two Rows in the Spectacles

Representation · Doubling as multiplying by two

4. Boo Stew for Five

Fluency · Multiplying by five with equal groups

5. Four Feet of Wings, Four Times the Cookies

Application · Multiplying by four as four times as much

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 Word That Says What to Do

Integrated · Students collect the four words this book uses to order a multiplication, test each one on counters, then swap one word in a book sentence and build what the new sentence demands instead.

7. Should the Big Bird Get Four Times the Cookies?

Integrated · Students build both birds' shares from the wingspans the book gives, take a side on whether the big bird's rule is fair, and argue it aloud to the small bird with the counts in hand.

8. One Foot of Wings, Four Feet of Wings

Integrated · Students build both wingspans as cube strips, work out how many of the small one fit along the big one, and then say the relation both ways round before checking it against the book's cookie counts.

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.

9. Three Questions and a Plan

Text features · Reading an opening that tells you how the book is arranged

10. Hi Mom! Hi Mom!

Author's craft · Explaining a joke the text sets up but never states

11. Put On Glasses and Stare

Text features · Recognising directions and telling them from story sentences

12. That's Because I'm So Much Bigger

Comprehension · Following the reason a character gives for what he wants

13. Caw, Caw, Boom, AHHHHH

Author's craft · Reading sound words and saying what they add to a scene