

Let's Make a Tally Chart

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. One person, one mark: building a tally chart from a class survey

Representation · Recording data with tally marks, one mark per response

2. Three more, three fewer: comparing the hamburgers with the chicken

Reasoning · Comparing two stated counts by matching, and saying the relation both ways

3. Reading the chart back: five, ten, and then the leftovers

Fluency · Reading a tally record by counting crossed groups and counting on

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 word that makes one person one mark

Integrated · Students act out the book's marking sentence with and without the word each, produce two different counts from the same classmates, and say which word forced which number.

5. Can we still say hamburgers won?

Integrated · Students build the book's three counts in cubes, add four unknown guests, and argue aloud to a partner playing Ben about whether the answer to his own question still holds.

6. Three more, three fewer, one row of counters

Integrated · Students build the book's eight against its five, find the three unmatched by pushing the rows together, and say the relation both ways about an arrangement that never moves.

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. Data Is Information: When the Next Sentence Is the Meaning

Vocabulary · Finding a Word the Book Explains for You

8. Decide, Write, Ask: The Words That Tell You to Do Something

Language · Reading a How-To List and Its Doing Words

9. Reading Tally Charts: What a Short Line Announces

Comprehension · Using a Heading to Know What Is Coming

10. Which, What, How: Reading the Question Words

Language · Reading a Question and Saying What It Asks For

11. Ben's Job: Reading a Reason Out of Two Sentences

Comprehension · Saying Why a Person in a True Book Does Something