

The Coin Counting Book

Grade 2

5 skill lessons · 2 math-through-reading

Skill lessons

5 lessons on the mathematics the book carries. Each lesson has printable workbook pages and a separate teacher key.

1. Trade Up: Five Pennies for a Nickel, Ten Cents Two Ways

Concept · Coin equivalence: trading pennies and nickels for one coin of the same value

2. Count the Money by Fives, Then by Tens

Fluency · Counting on by fives and tens to find the value of a set of coins

3. Every Way to Make Twenty-Five Cents

Reasoning · Finding every way to make twenty-five cents with nickels and dimes

4. Say It in Coins, Write It in Cents

Representation · Writing the cent equation that matches a set of coins

5. Four Ways to Make a Dollar

Application · Making one dollar with quarters, dimes and nickels

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. Trade It or Add It

Integrated · Students build the same twenty-five pennies twice, once traded for a quarter and once with a quarter added, then say which word the book used and what it did to the amount.

7. Is the Quarter Really Faster?

Integrated · Students count one dollar in three different coin piles, then take a side on the book's claim that quarters save counting time and defend it with the coin 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.

8. The words this book keeps: penny, nickel, dime, quarter, half-dollar

Concept · Domain vocabulary: the coin words a money text names

9. The book asks, then the book answers

Concept · How an informational text organizes information: question then answer

10. Trade: one word this book will not let go of

Concept · The key verb an informational text repeats, and the reason printed beside it

11. Two kinds of line: the rhyme and the label

Representation · Text features: a label line that names what the page shows

12. What the book was about, and the question it hands back

Reasoning · Main idea, and the choice an informational text leaves its reader