

The Alignment Report

A review of the material's alignment to the *content, context, and cognitive rigor* of each applicable standard.

Math Grade 4

Alignment Summary

Alignment Percentage: The material is aligned to **100%** of the Standards for Grade 4 Math (CCSS).

Domain	Cluster	Standard	Expectation	Aligned to Standard	Aligned Citations	Non-Aligned Citations	Reviewer's Comments
Operations and Algebraic Thinking 4.OA	Critical Area Major Use the four operations with whole numbers to solve problems.	4.OA.1. Interpret a multiplication equation as a comparison, e.g., interpret $35 = 5 \times 7$ as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations.		Yes	Lesson: Understanding Multiplicative Comparison; 4.OA.1 Standard Level Assessment; 4.OA.1 Assignment Understanding Multiplicative Comparisons		
Operations and Algebraic Thinking 4.OA	Critical Area Major Use the four operations with whole numbers to solve problems.	4.OA.2. Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.		Yes	Lesson: Solving Problems with Multiplicative Comparison; 4.OA.2 Standard Level Assessment; 4.OA.2. Assignments Multiplication and Division to Solve Word Problems and Relate, Multiply & Divide, and Multiply & Add		
Measurement and Data 4.MD	Supporting Represent and interpret data.	4.MD.4. Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$). Solve problems involving addition and subtraction of fractions by using information presented in line plots. For example, from a		Yes	Lesson: Adding and Subtracting Fractions to Analyze Line Plot Data	4.MD.4 Standard Level Assessment; 4.MD.4 Assignment Addition and Subtraction of Fractions Using Line Plots	The citations listed in the Non-Aligned Citations column are not aligned to this standard because the material does not require students to make a line plot to display a data set.