Grade Level:4th Grade
Course Name:Math

Proficiency Scale

Oxford City Schools

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GRADE LEVEL: 4th Grade COURSE NAME: Math
MEASUREMENT TOPIC: Add and Subtract Fractions and Mixed Numbers

4	In addition to Score 3.0, make in-depth inferences and applications. ☐ Evaluate a solution to a word problem involving addition and subtraction of fractions, mixed numbers, or fractions greater than 1.

3	☐ Model and justify decompositions of fractions and explain addition and subtraction of fractions as joining or separating parts referring to the same whole.
	☐ Solve word problems by adding and subtracting fractions and mixed numbers with like denominators using
	  ☐ Visual fraction models, drawings, AND equations to represent the problem (write equation)
	☐ Add and subtract mixed numbers with like denominators using:
	  ☐ Fraction equivalence, properties of operations, and the relationship between addition and subtraction.
	☐ Add and subtract fractions with like denominators using:
	  ☐ Fractional equivalence, properties of operations, and the relationship between addition and subtraction

2	☐ Decompose a fraction as a sum of unit fractions and as a sum of fractions with the same denominator in more than one way using area models, length models, and equations.
1	☐ With help, a partial understanding of some of the simpler details and processes, and some of the more complex ideas and processes.

Key Vocabulary: addition, subtraction, decompose, **denominator**, **numerator**, unit fraction, **equivalent**, **mixed numbers**

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