

New Mexico Interim Measure of Student Success and Achievement (iMSSA)

Borderline Achievement Level Descriptors (ALDs) Mathematics



Grade 4 Mathematics Achievement Level Descriptors

On Target

By the end of the year, fourth graders at the **On Target** level can solve multistep mathematical problems using multi-digit whole numbers and fractions with like denominators; multiply one-digit whole numbers by multi-digit whole numbers and unit fractions; represent and compare fractions, equivalent fractions, and decimal numbers; identify and describe the geometric properties of geometric figures; work within measurement systems to solve problems; use models to represent and solve nonstandard problems; analyze others' arguments and identify flaws in arguments if appropriate; and identify, define, and explain figural and numeric patterns.

Borderline of the On Target Achievement Level

By the end of the year, fourth graders at the borderline of the **On Target** level can solve one- and two-step mathematical problems using multi-digit whole numbers and fractions with like denominators; multiply one-digit whole numbers by three-digit whole numbers and unit fractions; represent and compare fractions to benchmark fractions, equivalent fractions, and some decimal numbers; identify geometric properties of geometric figures; work within measurement systems to solve problems; use models to represent and solve standard problems; analyze others' arguments and identify some flaws in arguments if appropriate; and identify, define, and explain numeric patterns.

Near Target

By the end of the year, fourth graders at the **Near Target** level can solve simple mathematical problems using math facts and unit fractions; and identify, describe, and create simple predictable patterns.

Borderline of the Near Target Achievement Level

By the end of the year, fourth graders at the borderline of the **Near Target** level can sometimes solve simple mathematical problems using math facts and unit fractions; and identify, extend, and create simple predictable patterns.