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

Borderline Achievement Level Descriptors (ALDs) Mathematics

Grade 5 Mathematics Achievement Level Descriptors

On Target

By the end of the year, fifth graders at the **On Target** level can solve multi-step mathematical problems using multi-digit numbers and fractions; divide a whole number with up to four digits by a two-digit whole number; represent, compare, and compute decimal numbers to the tenths place; find the volume of right rectangular prisms; 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 numeric patterns.

Borderline of the On Target Achievement Level

By the end of the year, fifth graders at the borderline of the **On Target** level can solve simple multistep mathematical problems using multi-digit numbers and fractions; divide a whole number with up to four digits by a two-digit whole number most of the time; represent, compare, and compute decimal numbers to the tenths place with some degree of accuracy; find the volume of simple right rectangular prisms; identify and describe some of the geometric properties of geometric figures; work within measurement systems to solve problems; use models to represent and solve problems; identify flaws in others' arguments if appropriate; and identify, define, and explain simple numeric patterns.

Near Target

By the end of the year, fifth graders at the **Near Target** level can add and subtract fractions with unlike denominators; solve mathematical problems using whole numbers and fractions with like denominators; work within measurement systems to solve problems; and identify, describe, and create patterns.

Borderline of the Near Target Achievement Level

By the end of the year, fifth graders at the borderline of the **Near Target** level can add and subtract simple fractions with unlike denominators; solve mathematical problems using whole numbers and fractions with like denominators some of the time; work within measurement systems to make conversions; and identify and extend simple patterns.