Grade 4 Achievement Level Descriptors

Nebraska Math Alternate Assessment

Developing	On Track	College and Career Ready Benchmark
Developing learners do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards. These results provide evidence that the student may need additional support for academic success at the next grade level.	On Track learners demonstrate proficiency in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards. These results provide evidence that the student will likely be ready for academic success at the next grade level.	College and Career Ready Benchmark learners demonstrate advanced proficiency in the knowledge and skills necessary at this grade level, as specified in the assessed Nebraska College and Career Ready Standards. These results provide evidence that the student will likely be ready for academic success at the next grade level.
Students at this level • Recognize numbers 0–100. • Recognize odd or even numbers up to 20. • Count by fives or tens with numbers, models, or objects up to 40. • Recognize the factors of 4, 6, 10, 15, and 20. • Use the phrases "less than," "greater than," or "equal to" to compare whole numbers up to 40.	**Students at this level** • Identify representations of numbers 0–100. • Identify odd and even numbers up to 20. • Count by twos, fives, and tens with numbers, models, or objects up to 40. • Identify the factors of 4, 6, 10, 15, and 20. • Use symbols <, >, and = to compare whole numbers up to 40.	**Students at this level** • Represent numbers 0–100. • Represent odd and even numbers up to 20. • Count by twos, fives, and tens with numbers up to 40. • Represent the factors of 4, 6, 10, 15, and 20. • Demonstrate an understanding of using symbols <, >, and = to compare whole numbers up to 40.

• Recognize the nearest ten of a given number, 1-100, using a number line.	• Round a two-digit number, 1-100, to the nearest ten using a number line.	• Round a two-digit number, 1–100, to the nearest ten.
• Recognize a decimal on a number line from 0 to 1 (tenths only).	• Identify decimals on a number line from 0 to 1 (tenths only).	• Demonstrate an understanding of decimals on a number line from 0 to 1 (tenths only).
• Compare or order mixed numbers with fourths or halves less than 3 using a number line or visual model.	• Compare and order mixed numbers with fourths and halves less than 3.	• Demonstrate an understanding of comparing and ordering mixed numbers with fourths and halves less than 3.
• Multiply 5's or 10's by a single-digit number.	• Multiply 2's, 5's and 10's by a single-digit number.	• Multiply 2's, 5's, and 10's by a single-digit number in real-world problems.
• Multiply two-digit multiples of 10 by 2.	• Multiply two-digit multiples of 10 by 2 or 5.	• Multiply two-digit multiples of 10 by 2 or 5 in real-world problems.
• Recognize numbers 2–20 in equal-size groups.	• Identify numbers 2–20 in equal-size groups.	• Represent numbers 2–20 in equal-size groups.
• Add or subtract halves to halves or fourths to fourths to a whole.	• Add and subtract halves to halves, thirds to thirds, fourths to fourths, and fifths to fifths to a whole.	• Add and subtract halves to halves, thirds to thirds, fourths to fourths, and fifths to fifths…to a whole.
• Identify the solution to a simple one-step single-digit equation using addition or subtraction.	• Solve simple one-step single-digit equations using addition or subtraction.	• Demonstrate an understanding of solving one-step single-digit equations using addition or subtraction.

• Identify the equation or expression that can be used to solve a simple real-world addition or subtraction problem up to 40, without regrouping.	• Solve real-world problems with addition and subtraction up to 40, without regrouping.	• Demonstrate an understanding of solving real-world addition and subtraction problems up to 40, without regrouping.
• Identify the solution to a real-world addition problem with halves or fourths.	• Solve addition real-world problems with halves and fourths.	• Demonstrate an understanding of solving real-world addition problems with halves and fourths.
• Identify an angle that is the same as a given angle.	• Compare larger and smaller angles.	• Compare angles in real-world objects.
• Recognize parallel and intersecting lines.	• Identify parallel and intersecting lines.	• Identify parallel and intersecting lines in real-world problems.
• Recognize acute, right, and obtuse triangles.	• Identify acute, right, and obtuse triangles.	• Sort acute, right, and obtuse triangles.
• Recognize a right angle.	• Identify right angles.	• Demonstrate an understanding of right angles using real-world objects.
• Recognize 45°, 90°, and 180° angles without measuring.	• Identify 45°, 90°, and 180° angles without measuring.	• Identify 45°, 90°, and 180° angles in real-world objects without measuring.
• Recognize a line of symmetry in a rectangle, square, or circle.	• Identify a line of symmetry in a rectangle, square, or circle.	• Identify a line of symmetry in a rectangle, square, or circle in real-world objects.
• Recognize that the area of a rectangle is defined by counting its unit squares.	• Identify the area of a rectangle by counting unit squares.	• Identify a rectangle with a given area.

• Identify the number of inches in one foot using a model of a ruler.	• Identify the number of inches in one or two feet using a model of a ruler.	• Identify the numbers of inches in one and two feet using a model of a ruler.
• Recognize the frequency of a data point in a line plot.	• Interpret information in a line plot using two data points.	• Compare information in a line plot using two data points.
• Identify an expression or equation that can be used to solve an addition problem with whole numbers using information from a line plot.	• Solve a problem with addition or subtraction of whole numbers using information from a line plot.	• Demonstrate an understanding of solving a problem with addition and subtraction of whole numbers using information from a line plot.