

Math Assessments Rubric

Marking Code

Knowledge/Skills/Effort

- 4...Exceeds expectations for the grade level
 3...Meets expectations for the grade level
 2...Partially meets expectations for the grade level
 1...Does not meet expectations for the grade level

	4	3	2	1
Place Value	Names and writes two- <u>and</u> three-digit numbers. Identifies hundreds, tens, and ones place value. Orders two- <u>and</u> three-digit numbers.	Names and writes two-digit numbers. Identifies tens and ones place value. Orders two-digit numbers.	Inconsistently names and writes two-digit numbers. Inconsistently identifies tens and ones place value. Inconsistently orders two-digit numbers.	Makes no attempt (or rarely makes an attempt) to independently name and write two-digit numbers; identify tens and ones place value; <u>and/or</u> order two-digit numbers.
Addition/ Subtraction	Solves single- <u>and</u> two-digit addition/subtraction fact problems. Solves single- <u>and</u> two-digit word problems. May or may not use or math tools to assist in the solving of word <u>and/or</u> fact problems.	Solves single-digit addition/subtraction fact problems. Solves single-digit word problems. May or may not use or math tools to assist in the solving of word <u>and/or</u> fact problems.	Inconsistently solves single-digit addition/subtraction fact problems. Inconsistently solves single-digit word problems. May or may not use or math tools to assist in the solving of word <u>and/or</u> fact problems.	Makes no attempt (or rarely makes an attempt) to independently solve single-digit addition/subtraction fact problems. Does not experiment with the use of math tools to assist in the solving of math problems.
Time	Reads, writes, and shows time to the hour and half-hour. Reads, writes, and shows time in five-minute increments.	Reads, writes, and shows time to the hour and half-hour.	Inconsistently reads, writes, and shows time to the nearest hour and half-hour.	Makes no attempt (or rarely makes an attempt) to independently read, write, <u>and/or</u> show time to the nearest hour and half-hour
Money	Names and gives values for pennies, nickels, dimes, and quarters. Counts sets of coins that include combinations of pennies, nickels, dimes, <u>and/or</u> quarters. Draws ways to make sets of coins for a given value.	Names and gives values for pennies, nickels, and dimes. Counts sets of coins that include only one type of coin such as pennies, nickels, or dimes.	Inconsistently names and gives values for pennies, nickels, and dimes.	Makes no attempt (or rarely makes an attempt) to independently name <u>and/or</u> give values for pennies, nickels, and dimes.
Measurement	Measures objects to the nearest inch and centimeter. Measures objects to the nearest $\frac{1}{2}$ in or $\frac{1}{2}$ cm.	Measures objects to the nearest inch and centimeter.	Inconsistently measures objects to the nearest inch and centimeter.	Makes no attempt (or rarely makes an attempt) to independently measure objects to the nearest inch <u>and/or</u> centimeter.
Geometry/ Spatial Sense	Names basic geometric shapes including circle, square, rectangle, and triangle. Identifies geometric shapes including prisms, pyramids, and spheres. Gives examples of 2-D and 3-D shapes that can be found in our world.	Names basic geometric shapes including circle, square, rectangle, and triangle. Gives examples of 2-D shapes that can be found in our world.	Inconsistently names basic 2-D shapes including circle, square, rectangle, and triangle. Inconsistently gives examples of 2-D shapes found in our world.	Makes no attempt (or rarely makes an attempt) to independently name basic 2-D shapes including circle, square, rectangle, and triangle; <u>and/or</u> give examples of 2-D shapes that can be found in our world.
Graphs	Creates, reads, and uses graphs. Interprets data by calculating range and mode.	Creates, reads, and uses graphs.	Inconsistently creates, reads, and uses graphs.	Makes no attempt (or rarely makes an attempt) to independently create, read, <u>and/or</u> use graphs.
Fractions	Names, draws, and identifies fractions of a whole and group that are less than, equal to, or greater than one. Compares fractions that are less than, equal to, or greater than one.	Names, draws, and identifies fractions of a whole and group that are less than or equal to one. Inconsistently compares fractions that are greater than, less than, and equal to one.	Inconsistently names, draws, and identifies fractions of a whole and group that are less than or equal to one. Inconsistently compares fractions that are greater than, less than, and equal to one.	Makes no attempt (or rarely makes an attempt) to independently name, draw, <u>and/or</u> identify fractions of a whole and group that are less than or equal to one; <u>and/or</u> compare fractions that are greater than, less than, <u>and/or</u> equal to one.
Estimation		Makes rough estimations to problems before solving them and estimates quantities without knowing the exact amount.	Inconsistently makes rough estimations to problems before solving them and estimates quantities without knowing the exact amount.	Makes no attempt (or rarely makes an attempt) to independently make rough estimates to problems before solving them <u>and/or</u> estimate quantities without knowing the exact amount.
Number Sense	Knows that a number is a symbol for how much of something there is. Counts using 1-to-1 correspondence. Reads, writes, compares, and orders numbers up to 100.	Knows that a number is a symbol for how much of something there is. Counts using 1-to-1 correspondence. Reads, writes, compares, and orders numbers up to 20.	Has a good understanding that a number is a symbol for how much of something there is. Counts using 1-to-1 correspondence. Inconsistently reads, writes, compares, and orders numbers up to 20.	Has a basic understanding that a number is a symbol for how much of something t here is. Inconsistently counts using 1-to-1 correspondence. Makes no attempt (or rarely makes an attempt) to independently read, write, compare <u>and/or</u> order numbers up to 20.
Probability		Makes solid predictions about which events are more/less likely to happen. Has a solid understanding that some events can be predicted fairly well, but others cannot.	Attempts to make predictions about which events are more/less likely to happen. Has a general understanding that some events can be predicted fairly well, but others cannot.	Makes no attempt (or rarely makes an attempt) to independently make predictions about which events are more/less likely to happen. Has a basic understanding that some events can be predicted fairly well, but others cannot.
Problem Solving Strategies	Uses a variety of problem solving strategies (drawing pictures, acting out, finger math, mental math, math manipulatives and tools). Demonstrates confidence in personal ability to solve problems independent of peers and teacher. Uses mathematical smarts to lead others to understanding in appropriate ways.	Uses a variety of problem solving strategies (drawing pictures, acting out, finger math, mental math, math manipulatives and tools). Demonstrates confidence in personal ability to solve problems independent of peers and teacher.	Inconsistently uses a variety of problem solving strategies (drawing pictures, acting out, finger math, mental math, math manipulatives and tools). Inconsistently demonstrates confidence in personal ability to solve problems independent of peers and teacher.	Does not (or rarely makes an attempt) to use problem solving strategies (finger math, drawing pictures, acting out, mental math, math manipulatives and tools when solving math problems. Does not (or rarely attempts to) solve problems independent of peer <u>and/or</u> teacher help.