

Mathematics - Grade 4

Item	Performance Indicator	Standard
1	Attends to another person reviewing counters; anticipates the beginning of the math activity; and attends to materials being displayed.	Standard 1: Students engage in the mathematical processes of problem solving and reasoning, estimation, communication, connections and applications, and using appropriate technology.
2	Demonstrates the concept of one.	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.
3	Applies a number (word) to a quantity of objects in a collection.	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.
4	Determines which of two numbers is closer to the quantity in a given set.	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.
5	Computes addition and subtraction problems with single digits.	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.
6	Attends to another person counting; anticipated the beginning of the math activity; and attends to materials being displayed.	Standard 1: Students engage in the mathematical processes of problem solving and reasoning, estimation, communication, connections and applications, and using appropriate technology.
7	Counts using a sequential order of numbers (e.g., 1, 2, 3, 4; rote counting).	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.
8	Demonstrates one-to-one correspondence among up to 12 objects and counting numbers with no recounting (rational counting).	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.
9	Demonstrates an understanding that the final number said when counting objects is the quantity of the set.	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.
10	Computes addition and subtraction problems with single digits.	Standard 2: Students demonstrate understanding of and an ability to use numbers and operations.

11	Attends to another person reviewing table; anticipates the beginning of the math activity; and attends to materials being displayed.	Standard 1: Students engage in the mathematical processes of problem solving and reasoning, estimation, communication, connections and applications, and using appropriate technology.
12	Given a class of objects, sorts into categories and subcategories.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
13	Sets up graph (table), (i.e., labels axes); provides title.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
14	Uses symbols to represent data; creates a simple graph, frequency plat, or frequency table using real objects and/or symbols.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
15	Explains/shows how decisions were made, using a table or graph.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
16	Attends to another person reviewing a graph; anticipates the beginning of the match activity; and attends to materials being displayed.	Standard 1: Students engage in the mathematical processes of problem solving and reasoning, estimation, communication, connections and applications, and using appropriate technology.
17	Determines which category has the most/least.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
18	Compares categories of data using comparison words.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
19	Communicates the relationships between categories of collected data.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
20	Predicts the outcome of a chance event using a chance device.	Standard 6: The students demonstrate understanding of an ability to use data analysis, probability, and statistics.
21	Attends to another person reviewing two difference sets of counters; anticipates the beginning of the math activity; and attends to materials being displayed.	Standard 1: Students engage in the mathematical processes of problem solving and reasoning, estimation, communication, connections and applications, and using appropriate technology.

22	Groups/sorts objects into two sets.	Standard 7: Students demonstrate understanding of and an ability to use patterns, relations and functions.
23	Reproduces (matches) a repeated event.	Standard 7: Students demonstrate understanding of and an ability to use patterns, relations and functions.
24	Creates a growing pattern or attribute or number.	Standard 7: Students demonstrate understanding of and an ability to use patterns, relations and functions.