

## QUEST Grade 2 Math Post Test Blueprints

| STANDARD          | Operations and Algebraic Thinking (OA)   | ITEM TYPE  | DOK  | BLOOM'S   | ITEMS | Percentage |
|-------------------|--|--|--|---|-------|------------|
|                   | <b>Represent and solve problems involving addition and subtraction.</b>  |  |  |   |       | <b>28%</b> |
| <b>2.OA.A.1</b>   | Use addition and subtraction within 100 to solve one- and two-step word problems. Represent a word problem as an equation with a symbol for the unknown.                             | MC   | Recall   | Application<br>Comprehension                          | 2     | 11%        |
|                   | <b>Add and subtract within 20.</b>   |  |  |   |       |            |
| <b>2.OA.B.2</b>   | Fluently add and subtract within 20. By the end of Grade 2, know from memory all sums of two one-digit numbers.  | MS<br>MC   | Recall   | Comprehension   | 2     | 11%        |
|                   | <b>Work with equal groups of objects to gain foundations for multiplication.</b>   |  |  |   |       |            |
| <b>2.OA.A.C.4</b> | Use addition to find the total number of objects arranged in rectangular arrays (with up to 5 rows and 5 columns). Write an equation to express the total as a sum of equal addends. | MS   | Skill/Concept  | Knowledge   | 1     | 6%         |
| STANDARD          | Measurement and Data (MD)  | ITEM TYPE  | DOK  | BLOOM'S   | ITEMS | Percentage |
|                   | <b>Measure and estimate lengths in standard units.</b>   |  |  |   |       | <b>28%</b> |
| <b>2.MD.A.1</b>   | Measure the length of an object by selecting and using appropriate tools (e.g., ruler, meter stick, yardstick, measuring tape).  | MC   | Recall   | Application   | 1     | 6%         |
| <b>2.MD.A.4</b>   | Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.  | Mc   | Recall   | Comprehension   | 1     | 6%         |
|                   | <b>Work with time and money.</b>   |  |  |   |       |            |
| <b>2.MD.C.7</b>   | Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.  | MC   | Recall   | Comprehension   | 2     | 11%        |
| <b>2.MD.C.8</b>   | Solve word problems involving collections of money, including dollar bills, quarters, dimes, nickels, and pennies. Record the total using \$ and ¢ appropriately.                    | MC   | Recall   | Comprehension   | 1     | 6%         |
|                   |  | Multiple Choice 10%<br>Multiple Select 20%<br>Multiple Choice 60%<br>Multiple Select 10% | Recall 17%<br>Strat. Thinking 35%<br>Skill/Concept 47% | Application 20%<br>Comprehension 70%<br>Knowledge 10% | 10    |            |