

## TCAP Alternate Grade 2 Mathematics

### Alternate Mathematics Testing Structure

The testing structure for mathematics reflects both the number of operational assessment items and the number of field test assessment items.

Grade	Administration Window*
2	Multiple untimed sessions <ul style="list-style-type: none"> <li>• 38 multiple choice items (32 operational items and 6 field test items)</li> </ul>

\* Teachers may administer the assessment in as many sessions as necessary throughout the entire administration window.

### TCAP Grade 2 Alternate Mathematics Blueprints

The blueprints reflect only operational assessment items.

Grade 2		
Content	# of items	% of test
<b>Computation with Whole Numbers</b>	<b>7-9</b>	<b>22%-28%</b>
<b>2.OA.A.1</b>	Solve word problems within 20. Solve word problems within 100.	
<b>2.OA.B.2</b>	Model addition and subtraction with base ten blocks within 20.	
<b>Numbers Relationships and Patterns</b>	<b>16-17</b>	<b>50%-53%</b>
<b>2.NBT.A.1</b>	Build representations of two-digit numbers using tens and ones.	
<b>2.NBT.A.2</b>	Skip count by 5s. Skip count by 10s. Skip count by 100s.	
<b>2.NBT.A.3</b>	Write or select the numerals 0-100.	
<b>2.NBT.A.4</b>	Compare (greater than, less than, equal to) two numbers up to 100.	
<b>2.NBT.B.7</b>	Use diagrams and number lines to solve addition or subtraction problems. Compose ones into tens and/or tens into hundreds in addition situations. Decompose tens into ones and/or hundreds into tens in subtraction situations.	
<b>Measurement Concepts</b>	<b>4-5</b>	<b>13%-16%</b>
<b>2.MD.A.1</b>	Select the appropriate tool and unit of measurement to measure an object (e.g., ruler or yardstick; inches or feet).	
<b>2.MD.B.6</b>	Use diagrams and number lines to solve addition or subtraction problems.	
<b>Data and Geometric Concepts</b>	<b>2-4</b>	<b>6%-13%</b>
<b>2.G.A.3</b>	Partition circles and rectangles into two and four equal parts. Label a partitioned shape (e.g., one whole rectangle was separated into two halves; one whole circle was separated into three thirds).	