

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"> • 38 multiple choice items (32 operational items and 6 field test items)

* 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.

Grade 2		
Content	# of items	% of test
Computation with Whole Numbers	7-9	22%-28%
2.OA.A.1	Solve word problems within 20. Solve word problems within 100.	
2.OA.B.2	Model addition and subtraction with base ten blocks within 20.	
Numbers Relationships and Patterns	16-17	50%-53%
2.NBT.A.1	Build representations of two-digit numbers using tens and ones.	
2.NBT.A.2	Skip count by 5s. Skip count by 10s. Skip count by 100s.	
2.NBT.A.3	Write or select the numerals 0-100.	
2.NBT.A.4	Compare (greater than, less than, equal to) two numbers up to 100.	
2.NBT.B.7	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.	
Measurement Concepts	4-5	13%-16%
2.MD.A.1	Select the appropriate tool and unit of measurement to measure an object (e.g., ruler or yardstick; inches or feet).	
2.MD.B.6	Use diagrams and number lines to solve addition or subtraction problems.	
Data and Geometric Concepts	2-4	6%-13%
2.G.A.3	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).	