

2018-19 TCAP Mathematics Grade 2 Optional Assessment Fact Sheet

Revised Nov. 16, 2018

Mathematics Assessment Overview

This fact sheet provides information about the TCAP mathematics assessment in grade 2. The mathematics assessments will assess the Tennessee Academic Standards through measurement of student mastery and will require students to demonstrate a deep conceptual understanding of mathematics, number sense, fluency, problem solving, and understanding of the grade-level horizontal coherence embedded within the standards. For information on the TNReady assessments in grades 3–8, click [here](#).

Grade 2 is an optional choice for districts. Grade 2 mathematics will focus on computation of whole numbers, number relationships and patterns, measurement concepts, and geometric concepts. Grade 2 assessments provide valuable information for third grade teachers, ensuring that learners are strengthening math skills early in their academic careers.

Test Administration Schedule

For a full schedule of all statewide assessments, see the Statewide Assessment Schedule on the department website ([here](#)).

Test Administration Times

The time for administration of the math assessment in grade 2 is as follows:

Table 1. Subpart Timing

Subpart 1 (No Calculator)	Subpart 2 (No Calculator)	Summary
<ul style="list-style-type: none"> • 40 Minutes • 30 Items 	<ul style="list-style-type: none"> • 42 Minutes • 23 Items 	<ul style="list-style-type: none"> • Total Time:82 Minutes • Total Items: 45–65

The Grade 2 optional assessment for mathematics consists of two subparts. Both Subpart 1 and Subpart 2 contain one section read aloud to students and one section students read on their own.

Performance Levels and Scale Scores

Student performance on Tennessee’s statewide assessments is categorized into four performance levels.

Table 2 provides information regarding student achievement at each performance level for the TCAP Math tests. This information is provided on student reports so that students, parents, and educators may interpret student results in a meaningful way.

Table 2. Performance Levels

Level 1 (Below)	Level 2 (Approaching)	Level 3 (On-track)	Level 4 (Mastered)
Performance at this level demonstrates that the student has a minimal understanding and has a nominal ability to apply the grade/course-level knowledge and skills defined by the Tennessee Academic Standards.	Performance at this level demonstrates that the student is approaching understanding and has a partial ability to apply the grade/course-level knowledge and skills defined by the Tennessee Academic Standards.	Performance at this level demonstrates that the student has a comprehensive understanding and has a thorough ability to apply the grade/course-level knowledge and skills defined by the Tennessee Academic Standards.	Performance at this level demonstrates that the student has an extensive understanding and has an expert ability to apply the grade/course-level knowledge and skills defined by the Tennessee Academic Standards.

Performance level scale score ranges for TCAP math assessment for grade 2 is provided in Table 3 below.

Table 3. Performance Levels for the TCAP Math Grade 2 Assessment Scale Scores

Assessment	Level 1	Level 2	Level 3	Level 4
Grade 2	200–324	325–354	355–383	384–450

Score Point Distribution by Sub-Score Category

Provided in Table 4 are score point distribution percentage ranges of total score points by sub-score category for each assessment. Ranges reflect percentage of operational assessment items.

Table 4. Score Point Distribution by Sub-Score Category for Grade 2

Assessment	Computation with Whole Numbers	Number Relationships and Pattern	Measurement Concepts	Data and Geometric Concepts
Grade 2	25-34%	20-29%	18-27%	12-21%

Test Administration Information

Within the state testing window, testing schedules are established **by the district at the school and/or district level**. It is at the district's discretion to allow schools to set their own testing schedules, independent of a district testing schedule.

The mathematics assessments for grade 2 may consist of the following item types:

- Multiple choice
- Multiple select
- Fill in the blank
- Number Line
- Matching table

Included in the mathematics assessment for Grade 2 are Two-Part Items.

- **Two-part items:** These are items with two parts, A and B, worth a total of two points.

A series of consecutive items may also share a stimulus.

- As many as six consecutive items may share a common stimulus or context.
- These items are independent of one another as with other single items on the assessment and worth 1 point each.

The mathematics assessment is administered using a consumable test booklet in which students will place all answers. Students will indicate answer choice for multiple choice and multiple select items; write in answers for fill in the blank items; indicate answers for items using a number line; and indicate answer by selecting correct amounts using arrays; all by writing in the test booklet.

Additional Information

Please visit the [department's website](#) for more information about the statewide assessment program.