

2019-20 TCAP Mathematics

Grade 2 Optional Assessment Fact Sheet

Revised Aug. 1

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 more information on the optional grade 2 assessment, 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 testing administration windows on the department's [website](#).

Test Administration Times

The time for administration of the math assessment in grades 2 is outlined in Table 1.

Table 1. Subpart Timing

Subpart 1 (No Calculator)	Subpart 2 (No Calculator)	Summary
<input type="checkbox"/> 40 minutes <input type="checkbox"/> 25-35 items	<input type="checkbox"/> 42 minutes <input type="checkbox"/> 20-30 items	Total time: 82 minutes Total items: 53-64 items

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

Assessment Blueprints

Assessment blueprints are designed to show educators a summary of what will be assessed on each assessment. This resource is designed to help educators as they plan for the upcoming school year. Assessment blueprints for 2019-20 can be found on the department website [here](#).

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. Please see details on subparts for each subject and grade level on the updated testing times chart [here](#).

Item Types

The TCAP grade 2 mathematics assessment may include **Selected Response** and **Constructed Response** item types. These item types can be used in multiple ways to elicit responses that demonstrate understanding of the Tennessee Academic Standards for Mathematics for Grade 2.

Selected Response items used can include:

- Multiple choice
- Multiple select □
- Matching table

Constructed Response items used can include:

- Numeric entry

The TCAP grade 2 assessment may contain items which are composed of two parts, Part A and Part B. These items may use either or both of the item types above.

The mathematics assessment for grade 2 is administered using a consumable test booklet in which students will place all answers. Students may be asked to 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; or indicate answer by selecting correct amounts using arrays; all answers for each possible item type are submitted by students by writing in the test booklet.

Practice Tests

The department has provided the following practice tools to support educators and students:

- **Paper practice tests:** PDF versions of practice tests are available on the Assessment Development LiveBinder ([here](#)).

Additional Information

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