

2019-20 TCAP Mathematics

Grades 3-5 Assessment Fact Sheet

Revised Aug. 1

Mathematics Assessment Overview

This fact sheet provides information about the TCAP mathematics grades 3-5 assessments. 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. The math assessments are administered in three subparts, the first of which is **without** a calculator.

For more information on TCAP assessments in grades 3-5, click [here](#).

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 timing and details for each subpart for mathematics grades 3-5 is outlined in Table 1.

Table 1. Subpart Timing

Subpart 1 (No Calculator)	Subpart 2 (Calculator)	Subpart 3 (Calculator)	Summary
<ul style="list-style-type: none"> • 45 minutes • 21-31 items 	<ul style="list-style-type: none"> • 30 minutes • 10-17 items 	<ul style="list-style-type: none"> • 40 minutes • 12-17 items 	Total time: 115 minutes Total items: 53-64

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 assessments for grades 3-5 are provided in Table 3 below.

Table 3. Performance Levels for the TCAP Math Grades 3-5 Assessment Scale Scores

Assessment	Level 1	Level 2	Level 3	Level 4
Grade 3	200-304	305-340	341-370	371-450
Grade 4	200-294	295-329	330-372	373-450
Grade 5	200-299	300-338	339-373	374-450

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's 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](#).

The TCAP mathematics assessments 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 Grades 3-5.

Selected Response Items used for TCAP grades 3-5 mathematics assessments can include:

- Multiple choice
- Multiple select

Constructed Response Items used for TCAP grades 3-5 mathematics assessments can include:

- Text entry
- Numeric entry
- Number line
- Graphing

The TCAP assessments for grades 3-5 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 3 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; or indicate answers for items using a number line. For math assessments in grades 4 and up students will place their answers in an answer document separate from 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.