

TCAP Mathematics

Grades 6-8 Assessment Overview

Mathematics Assessment Overview

This fact sheet provides information about the TCAP mathematics grades 6-8 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.

All TCAP math assessments in grades 6-8 will be administered using online testing. For information on the other TCAP assessments in grades 6-8, click [here](#).

Test Administration Schedule

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

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.

Test Administration Subpart Timing and Structure

The timing and details for each subpart of the TCAP math assessment in grades 6-8 is outlined in Table 1.

Table 1. Subpart Timing and Structure

The following timing details in Table 1 are applicable to all mathematics Grades 6-8 assessments. The testing structure below reflects the total of both the number of operational assessment items and the number of field test assessment items.

Subpart 1 (No Calculator)	Subpart 2 (Calculator)	Subpart 3 (Calculator)	Summary
<ul style="list-style-type: none"> • 40 minutes • 16-18 items 	<ul style="list-style-type: none"> • 35 minutes • 11-16 items 	<ul style="list-style-type: none"> • 40 minutes • 16-19 items 	Total time: 115 minutes Total items: 43-53

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 can be found [here](#).

Item Types

All items on TCAP math assessments are worth one point, and do not allow for partial credit.

The TCAP assessments for grades 6-8 are administered using **Selected Response** and **Technology Enhanced** item types. These item types are used in multiple ways to elicit responses that demonstrate understanding of the Tennessee Academic Standards for Math:

Selected Response items used for TCAP math assessments can include:

- Multiple Choice - These are items with four answer options and only one correct answer.
- Multiple Select - These are items with more than four answer options and multiple correct answers.

Technology Enhanced items utilize online assessment platform capabilities. A sampler containing the various types of Technology Enhanced items students may encounter can be found on SchoolNet and [here](#). Use the directions below for access:

- Select Tutorials (below the login prompt).
- Under TCAP Samplers, select Start.
- Enter your name as "Guest" and select Start.

Additional Resources

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

- **SchoolNet** is a TDOE-provided assessment platform. Resources include released items and various formative assessments across all TCAP-assessed contents and grade levels. There are ready-made assessments, as well as item banks for users to access and create custom assessments. SchoolNet can be accessed [here](#).
- **Released Items** are also available in PDF documents on the Assessment Development LiveBinder [here](#).

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