

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 more information on TCAP assessments, visit [the department's website](#).

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
• 40 minutes • 16-18 items	• 35 minutes • 11-16 items	• 40 minutes • 16-19 items	Total time: 115 minutes Total items: 43-53

Assessment Blueprints

Assessment Blueprints describe the content and structure of an assessment. The assessment blueprints for TCAP provide expectations of the possible number of items that may appear on a given TCAP assessment by reporting category and standard(s). The assessment blueprints for TCAP can be found in [LiveBinder](#) by selecting the tab for a given content area.

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 (TE)** 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 the TestNav section of the TCAP Portal. See the section below for how to access.

Additional Information

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

- [TCAP Portal](#) hosts all assessment resources used for the TCAP program, including embedded access to TestNav, Schoolnet, and resources from the Assessment Development LiveBinder.
 - **TestNav** is the summative assessment platform utilized for administering TCAP assessments. The TestNav practice resources are accessible on the TCAP Portal through the “Student Assessment Readiness Tab” at the top of the page.
 - There is a button for “TCAP TEI Sampler” that goes to content-and-grade-band-specific samplers for TE items. A TestNav Tutorial is also accessible from this menu.
 - Test Practice is organized by content area and grade. Under each Test Practice resource, there is a corresponding “Release” guide that provides a key.
 - **Schoolnet** is a TDOE-provided formative assessment platform for use by teachers and districts. Schoolnet is accessible on the TCAP Portal through the “Schoolnet” tab at the top of the page.
 - Resources on Schoolnet 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.
 - [The Assessment Development LiveBinder](#) houses resources from the TDOE Assessment team. Examples of resources include blueprints, assessment overviews, practice tests, item releases, and practice items.

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