

2018-19 TNReady Mathematics Grades 6-8 Assessment Overview

Mathematics Assessment Overview

This fact sheet provides information about the TNReady 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.

For information on the other TNReady 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 website.

Test Administration Times

The time for administration of the math assessment in grades 6-8 is as follows:

Subpart 1* (No Calculator)	Subpart 2 (Calculator)	Subpart 3 (Calculator)	Summary
<ul style="list-style-type: none"> • 40 Minutes • 18-24 Items 	<ul style="list-style-type: none"> • 35 Minutes • 12-17 Items 	<ul style="list-style-type: none"> • 50 Minutes • 14-22 Items 	Total Time: 125 Minutes Total items: 44-63

Performance Levels and Scale Scores

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

Table 1 provides information regarding student achievement at each performance level for the TNReady Math tests. This information is provided on student reports so that students, parents, and educators may interpret student results in a meaningful way.

Table 1. 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 TNReady math assessments for grades 6-8 are provided in Table 2 below.

Table 2. Performance Levels for the TNReady Math Grades 6-8 Assessment Scale Scores

Assessment	Level 1	Level 2	Level 3	Level 4
Grade 6	200–306	307–339	340–381	382–450
Grade 7	200–294	295–338	339–378	378–450
Grade 8	200–295	296–329	330–366	367–450

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](#). Districts can choose to combine subparts and administer them on the same day.

The mathematics assessments for grades 6-8 may consist of the following item types:

- Multiple choice
- Multiple select
- Fill in the blank
- Integrated items
- Two-part items
- Graphing
- Matching table

Practice Tests

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

- **Paper practice tests:** PDF versions of practice tests for grades 6-8 are available and posted on EdTools ([here](#)).
- **Online practice tests:** The online versions of the practice test are available on the Nextera platform ([here](#)) for grade 6-8.

Additional Information

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