

2018-19 TNReady Mathematics End-of-Course Assessment Overview

Mathematics Assessment Overview

This fact sheet provides information about the TNReady mathematics end-of-course (EOC) assessments—Algebra I, Algebra II, and Geometry or Integrated Math I, II, and III. 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 information on the other TNReady EOC assessments, click [here](#).

Students to be Tested in 2018-19

Students who are enrolled in an EOC class, regardless of grade level, must take the assessment pertinent to that class. For math EOCs, the tested courses are outlined in Table 1.

Table 1. Course Codes

Course Name	Course Code Number (Regular)	Course Code Number (SPED)
Algebra I	0842 (grades 7 and 8)	31026 (B)
	3102	
	31024 (B: spring course)	
Algebra II	3103	31034 (B)
Geometry	0843 (grades 7 and 8)	31034 (B)
	3103	
Integrated Math I	0832 (grades 7 and 8)	31326 (B)
	3117	
	31324 (B: spring course)	
Integrated Math II	0833 (grades 7 and 8)	31336 (B)
	3118	
	31334 (B: spring course)	
Integrated Math III	3119	31344 (B)
Course Name	Course Code	Required EOC
IGCSE Mathematics I	4135	Integrated Math I
IGCSE Mathematics II	4136	Integrated Math II
IGCSE Additional Mathematics III	4137	Integrated Math III

The Tennessee State Board of Education High School Policy 2.103 ([here](#)) states that “Only students who are enrolled in a course with an associated End of Course examination shall take the End of Course examination. Students enrolled in a substituting course without an End of Course examination explicitly tied to the State Board of Education-approved curriculum content standards of that course shall not take an End of Course examination. This exemption applies to all substituting courses, including, but not limited to, Advanced Placement, International Baccalaureate, dual enrollment, and dual credit courses.”

In summation, students in substituting courses are not obligated to take these assessments.

Test Administration Schedule

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

Test Administration Times

The timing and details for each subpart of the math EOCs is outlined in Tables 2 and 3.

Table 2. Subpart Timing

Assessment	Timing
Algebra I, II, and Geometry or Integrated Math I, II, and III	Subpart 1: 35 minutes
	Subpart 2: 50 minutes
	Subpart 3: 60 minutes
	Total: 145 minutes

Table 3. Subpart Details

Subpart 1 (No Calculator)	Subpart 2 (Calculator)	Subpart 3 (Calculator)	Summary
<ul style="list-style-type: none"> • 35 Minutes • 13–18 Items 	<ul style="list-style-type: none"> • 50 Minutes • 11–25 Items 	<ul style="list-style-type: none"> • 60 Minutes • 11–20 Items 	Total Time: 145 Minutes Total Items: 35–63

Performance Levels and Scale Scores

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

Table 4 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 4. 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 are provided in Table 5 below.

Table 5. Performance Levels for the TNReady Math EOC Scale Scores

Assessment	Level 1	Level 2	Level 3	Level 4
Algebra I	200–306	307–325	326–344	345–450
Algebra II	200–300	301–318	319–343	344–450
Geometry	200–304	305–320	321–341	342–450
Integrated Math I	200–304	305–324	325–345	346–450
Integrated Math II	200–300	301–315	316–344	345–450
Integrated Math III	200–305	306–327	328–348	349–450

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](#).

The TNReady mathematics assessments may consist of the following item types:

- Multiple choice and multiple select
- Text entry
- 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 are available on EdTools ([here](#)).
- **Online practice tests:** The online versions of the practice test for EOCs are available on the Nextera platform ([here](#)).

Additional Information

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