



TNReady Assessment Design and Logistics Overview

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Mathematics Design Updates 2016-17

Testing Structure

Grades 3-5 Mathematics Testing Structure

The testing structure for mathematics reflects both the number of operational assessment items and the number of field test assessment items.

For scheduling purposes session can be combined.

Subpart 1 (No Calculator)	Subpart 2 (Calculator)	Subpart 3 (Calculator)
45 Minutes • 21-30	30 Minutes • 10-15 Items	40 Minutes • 12-16 Items • 2 Integrated Items*

*Integrated Items: 4-6 point questions which ask students to assimilate information from multiple grade-level domains. They may require background knowledge from previous grades. For 2016-17, both integrated items are field test items.

Math 2-Point Items

Type 1: These are multiple part items. They work independently of one another. The two are scored independently. They can get 1 point for getting only part A correct, 1 point for only getting part B correct, or 2 points for both.

Type 2: These are dependent items. These occur when a student must use their answer from part A to create their answer for part B. If a student misses part A, but uses their answer correctly to solve part B, they would get 1 point for their part B answer.

TNReady Math: Answer Documents

There will be hand-scored items at all grades.

- Grades 2 and 3 students record their answers in the test booklets.
- Answers placed in the testing booklet do not count on grades 4-8 or EOC.
 - Test booklets will *not* be scanned or scored.
 - ***Students need to make sure that all final answers are recorded on the answer document, which is also a multiple page booklet in all subject areas.***
 - For the mathematics test, practice grids and graphs are provided in the testing booklet.

Sample Answer Document

1 A B C D

2 M P R S

3

4

5 A B C D

6 M P R S

7

8 A B C D

9 M P R S

10 A B C D

11

	$\frac{2}{4}$	$\frac{2}{8}$	$\frac{1}{3}$
$\frac{2}{6}$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$\frac{1}{2}$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$\frac{1}{4}$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Handwritten answers like #3, #4, and #7 will be hand scored.

TNReady: Math

- Students are allowed to have scratch paper. Scratch paper may be lined, blank, or graph paper.
- Students are allowed to have rulers. Protractors are **not** needed at any grade level.

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**English Language
Arts Design Updates
2016-17**

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Testing Structure

Overview of Grades 6-8 ELA Testing Structure

As in the past, each year the state assessment includes both operational and field test items. The testing structure for English language arts reflects both the number of operational assessment items and the number of field test assessment items.

For scheduling purposes, subparts can be combined.

Subpart 1	Subpart 2	Subpart 3	Subpart 4
<ul style="list-style-type: none">• 85 minutes• 1-3 Passages• 1 Writing Prompt	<ul style="list-style-type: none">• 50 minutes• 2-3 passages• 6-14 questions per passage	<ul style="list-style-type: none">• 50 minutes• 2-3 passages• 6-14 questions per passage	<ul style="list-style-type: none">• 45 minutes• 1-2 passages• 6-14 questions per passage• 2 Editing Tasks

For scheduling purposes, subparts can be combined.

Note: Additional writing prompts will be field tested a minimum of every two years and will occur outside of the operational testing window.

ELA 2-Point Items

- **EBSR: Evidence-Based Selected Response**
- 2 parts: A and B
- The answer a student chooses for part B is justifying their choice for part A. Students cannot receive credit for part B without getting part A correct.
- They can receive 1 point by correctly answering part A even if they miss part B.

ELA Subparts 2-4: Answer Documents

- All ELA items are either multiple choice or multiple select.
- Answer choices alternate between beginning with “a” and beginning with “m.”
- Grades 2 and 3 students record their answers in the test booklets.
- Answers placed in the testing booklet do not count on Grade 4-8 or EOC.
 - Test booklets will not be scanned or scored.
 - Students need to make sure that all final answers are recorded on the answer document, which is a multiple-page booklet in all subject areas.

Sample Answer Document

1 (A) (B) (C) (D)

2 (M) (P) (R) (S)

3 (A) (B) (C) (D)

4 (M) (P) (R) (S)

5 Select **two**.
(A) (B) (C) (D) (E)

6 (A) (B) (C) (D)

7 **A** (M) (P) (R) (S)

B (A) (B) (C) (D)

8 (M) (P) (R) (S)

9 **A** (A) (B) (C) (D)

B (M) (P) (R) (S)

10 (A) (B) (C) (D)

Each time students encounter a new passage or passage set, their answers will move to a new column. There are only two columns per page in the answer document.

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Science Design Updates for 2016-17

Testing Time & Structure

2016-17 TESTING TIME CHART

End of Course Exam (EOC)		
English I/II/III	Subpart 1: 85 minutes (writing) Subpart 2: 50 minutes Subpart 3: 50 minutes Subpart 4: 45 minutes Total: 230 minutes	120 minute reduction
Integrated Math I/II/III	Subpart 1: 35 minutes (no calculator) Subpart 2: 55 minutes (calculator) Subpart 3: 55 minutes (calculator) Total: 145 minutes	65 minute reduction
Algebra I/II	Subpart 1: 35 minutes (no calculator) Subpart 2: 55 minutes (calculator) Subpart 3: 55 minutes (calculator) Total: 145 minutes	65 minute reduction
Geometry	Subpart 1: 35 minutes (no calculator) Subpart 2: 55 minutes (calculator) Subpart 3: 55 minutes (calculator) Total: 145 minutes	65 minute reduction
Biology I	Subpart 1: 75 minutes Total: 75 minutes	no change
Chemistry I	Subpart 1: 75 minutes Total: 75 minutes	no change
U.S. History & Geography	Subpart 1: 50 minutes (writing) Subpart 2: 45 minutes Subpart 3: 45 minutes Total: 140 minutes	40 minute reduction

Reduced items from 65 to 60, including field test questions.

Science Assessment Calculator Guidance

- TNReady science assessment does not require the use of a calculator in grades 3-8.
- TNReady biology EOC does not require the use of a calculator.
- TNReady chemistry EOC requires the use of a calculator.
 - Refer to the TNReady High School Mathematics Calculator Policy for a list of approved calculators.

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**Social Studies
Design Updates
2016-17**

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Social Studies Testing Structure 2016-17

- Grades 3-8 field test
 - Administered during the spring assessment window
 - Blueprints are not released for stand-alone field tests
 - Comprised of multiple item types that assess all of the standards
 - Multiple choice
 - Traditional multiple choice
 - Innovative items designed to easily transition to an online platform
 - Multiple select
 - 2- and 4-point written response items
 - Item-specific scoring guides
 - Scored for content only

Innovative Item: 2-pt. Written Response

- Grade 6 item:

Based on your knowledge of history,
list two reasons why Sargon and
Hammurabi were significant leaders
in ancient Mesopotamia.

Innovative Item: 4-pt. Written Response

- Students will read a passage, answer a multiple-choice question, and then respond to a short writing prompt.

These excerpts provide evidence that the Freedmen's Bureau was responsible for

- A** managing abandoned plantations and giving the lands to freedmen.
- B** providing necessities for the freedmen and poor in war-stricken areas.
- C** helping freedmen find work and receive payment for their livelihood.
- D** administering punishment in cases concerning the abuses of freedmen.

Based on the provided sources and your background knowledge, describe two major goals of the Freedmen's Bureau and evaluate the success of the Freedmen's Bureau in achieving its goals. Use complete sentences and evidence to support your answer.

Testing Structure: U.S. History & Geography

U.S. History & Geography Testing Structure

As in the past, each year the state assessment includes both operational and field test items. The below testing structure for U.S. History and Geography reflects both the number of operational assessment items and the number of field test assessment items.

For scheduling purposes, subparts can be combined.

Subpart 1	Subpart 2	Subpart 3
50 minutes <ul style="list-style-type: none">1 Written Response (<i>based on stimuli such as maps, timelines, graphics, primary source documents or informational texts</i>)	45 minutes <ul style="list-style-type: none">28 multiple choice or selected response items	45 minutes <ul style="list-style-type: none">28 multiple choice or selected response items

Blueprints: U.S. History & Geography

U.S. History & Geography Blueprints

The blueprints reflect only operational assessment items.

Written Response: Subpart 1		
	# of Items	# of Score Points
Content <ul style="list-style-type: none">• The Rise of Industrial America and the Progressive Era (standards US.1 to US.30)• The 1920s and the Great Depression (standards US.31 to US.53)• US Policy between the Wars, World War II, and the Cold War (standards US.54 to US.81)	1 written response item will be scored for both content and literacy	8
Literacy	The written response item listed above will be scored for both content and literacy	4
Total		12

Multiple Select: Subpart 2 and 3		
	# of Items	# of Score Points
<ul style="list-style-type: none">• The Rise of Industrial America and the Progressive Era (standards US.1 to US.30)	6-10	6-13
<ul style="list-style-type: none">• The 1920s and the Great Depression (standards US.31 to US.53)	14-18	14-22
<ul style="list-style-type: none">• US Policy between the Wars, World War II, and the Cold War (standards US.54 to US.81)	11-15	11-13
<ul style="list-style-type: none">• The Post-War Years to Contemporary United States (standards US.82 to US.112)	5-9	5-11
Total	36-52	36-59

Questions?

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