



Regional School District 17 2017 State Testing Report

**CMT and CAPT Science
Smarter Balanced English/Language Arts & Math
State Standardized SAT**

***Board of Education Meeting
September 19, 2017***

Presentation Objectives:

- **Presentation of CMT and CAPT Science results.**
- **Presentation of Smarter Balanced ELA and Math results.**
- **Presentation of State Standardized SAT results for 11th grade students.**

Points to Remember About Annual State Testing

REQUIRED: By federal and state law, universal student assessment is required in English Language Arts and Mathematics in grades 3-8 and once in high school annually.

- In 2010, Connecticut adopted higher, more rigorous standards, **Connecticut Core Standards**—to better prepare students for college and careers.
- New standards required new state tests that align with the knowledge and skills found in these standards.
- Smarter Balanced tests in grades 3-8 replaced the Connecticut Mastery Test (CMT) for English/Language Arts and Mathematics.
 - 2017 was the third administration of the Smarter Balanced tests.
- 2016 was the first year that the new SAT was used for state accountability purposes for 11th graders in English/Language Arts and Math.

Points to Remember About Annual State Testing

Annual state assessments are intended to:

- ✓ Provide an annual snapshot of student achievement that should be used along with other information, such as district assessments, class work and unit tests when making educational interpretations.
- ✓ Provide data regarding student achievement and growth to inform our district's continuous improvement.
- ✓ Annual state assessments should not be used as a sole measure of student achievement, program evaluation, or district/school continuous improvement.

CMT/CAPT Science

- Science assessments administered in March to students in Grades 5 and 8 (CMT) and 10 (CAPT).
- 2017 was the last year for the Science CAPT and may have been the last year for the Science CMT as new NGSS-aligned assessments are in development and are to be field-tested this year.

Connecticut Mastery Test

Grade 5 Science

Percent of
Students
At or Above
Goal

Year	RSD 17	State
2008	63.3	55.2
2009	77.8	58.3
2010	81.2	59.7
2011	82.4	60.2
2012	86.5	64.1
2013	92.2	62.5
2014	86.2	59.6
2015	84.8	55.4
2016	81.5	59.6
2017	82	

Connecticut Mastery Test

Grade 8 Science

Percent of
Students
At or Above
Goal

Year	RSD 17	State
2008	74.3	58.9
2009	75.9	60.9
2010	82.3	63.1
2011	86.9	63.3
2012	80.2	62.1
2013	83.9	60.6
2014	86.1	62.5
2015	85.1	61.1
2016	80.4	60.2
2017	79	

Connecticut Academic Performance Test

Grade 10 Science

Percent of
Students
At or Above
Goal

Year	RSD 17	State
2007	65.6	44.5
2008	72.3	46.5
2009	58.4	43.0
2010	67.0	45.5
2011	62.3	47.2
2012	64.9	47.3
2013	73.0	49.0
2014	74.7	46.8
2015	69.9	44.5
2016	72.8	47.3
2017	73	

SMARTER BALANCED ACHIEVEMENT RESULTS

English Language Arts

ELA achievement results for grades 3-8 combined

- **RSD17: 73.6% with a 0.2% increase over 2016**
- **STATE: 54.2% with a 1.4% decrease from 2016**

Percent of
Students
Achieving
Levels 3 and
Above (4)

	RSD 17		
Grade	2015	2016	2017
3	70	67	73
4	63	77	74
5	79	68	78
6	68	82	68
7	69	71	77
8	67	76	73

	STATE		
Grade	2015	2016	2017
3	51	54	52
4	53	56	54
5	56	59	56
6	52	55	54
7	52	55	55
8	51	56	54

SMARTER BALANCED ACHIEVEMENT RESULTS

English Language Arts

Percent of
Students
Achieving
Levels 3 and
Above (4)

Grade	2015	2016	2017
3	70	67	73
4	63	77	74
5	79	68	78
6	68	82	68
7	69	71	77
8	67	76	73

SMARTER BALANCED ACHIEVEMENT RESULTS

Mathematics

Math achievement results for grades 3-8 combined

- RSD17 63.4% with a 2.7 % increase over 2016
- STATE 45.6% with a 1.6% increase over 2016

Percent of
Students
Achieving
Levels 3
and
Above (4)

	RSD 17		
Grade	2015	2016	2017
3	68	76	75
4	51	73	68
5	55	57	67
6	42	69	61
7	50	45	67
8	47	53	48

	STATE		
Grade	2015	2016	2017
3	48	53	53
4	44	48	50
5	37	41	43
6	37	41	44
7	39	42	43
8	37	40	42

SMARTER BALANCED ACHIEVEMENT RESULTS

Mathematics

Percent of
Students
Achieving
Levels 3 and
Above (4)

Grade	2015	2016	2017
3	68	76	75
4	51	73	68
5	55	57	67
6	42	69	61
7	50	45	67
8	47	53	48

Smarter Balanced Growth: What is growth?

Growth: Change in achievement score for the same student between two points in time.

- Compares the achievement of the same student from one grade to the next higher grade (e.g., student in Grade 3 in 2015-16 to same student in Grade 4 in 2016-17).
- Uses Smarter Balanced vertical scale scores.
- The growth measure is applicable to students in grades 4-8.
- **Indicates whether students, through excellent instruction, are rising to the challenge of high expectations, showing grade-to-grade growth on the Smarter Balanced test.**

Smarter Balanced Growth

- Sets an **aspiration** that **all students should grow year to year**, including those performing in Levels 3 and 4.
- Growth targets are specific to each student based on that student's prior year achievement.
- The ultimate goal (target) is 100% of students meet growth targets.
- **Use:** Teachers and administrators can use achievement growth information along with other academic information about students to plan for student instruction.

Smarter Balanced Growth

Average Percent of Growth Target Achieved

	ELA	
Grade	2015-2016	2016-2017
4	80.4	66.4
5	64.0	60.5
6	78.2	61.0
7	66.0	51.1
8	62.7	56.8

	MATH	
Grade	2015-2016	2016-2017
4	80.7	62.6
5	78.8	65.9
6	91.1	68.7
7	63.5	59.7
8	64.0	62.8

11th Grade SAT Results

**Percent HKHS 11th Graders Who Met/Exceeded State Goal
(Level 3 or 4)**

	2016		2017	
SUBJECT	HKHS	STATE	HKHS	STATE
ELA	86	65	80.5	65.4
Math	54	39	54.3	41.3

11th Grade Average SAT Scores (Out of 800)

	2016		2017	
SUBJECT	HKHS	STATE	HKHS	STATE
ELA	564	520	560	524
Math	531	502	541	507

Continuous Improvement Plans 2017-2018

- Continuous Improvement Plans based upon the data presented here tonight will be presented at the October 17th Board meeting.