

The Ewing Public Schools

Public Presentation of the Spring 2018 PARCC Results

Presented by
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Assistant Superintendent
September 24, 2018



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PUBLIC SCHOOLS

**Public Presentation of the Formal
Report on ESSA
September 24, 2018**



The ESSA categorizes schools as:

- **Comprehensive Support and Improvement (CSI)**
- **Targeted Support and Improvement (TSI)**
 - **Non-Categorized**



**All Ewing Public
Schools Are
Non-Categorized**



PARCC Assessment

- Spring 2018 was the fourth (4th) administration of the Partnership for Assessment of Readiness for College and Careers (PARCC)
- New Spring 2018 Science assessment in Grades 4, 8 and 11 the New Jersey Science Learning Assessment (NJSLA) replacing the New Jersey Biology Competency Test (NJBCT) in Grades 9-12



What Is PARCC?

Partnership for Assessment of Readiness for College and Careers

Administered to:

- all grade 3-8 students in ELA and Math
- All students enrolled in Algebra I, Geometry, Algebra II, English 9, English 10 and English 11



Ewing 2018 'Refusal to Test'

Antheil	6
Lore	8
Parkway	17
Fisher Middle	40
<u>Ewing High</u>	<u>45</u>
Total	117

***Decreased from 191 students spring 2015**



How Does the 2016-17 PARCC Assessment Differ from 2017-18 School Year PARCC?

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Spring 2017 PARCC

- Single administration—spring -Grades 3-11
- Single administration – end of each semester Grades 9-11 (Fall and Spring)
- Technology-based
- Assessment dates/times vary by grade level
- Math by Grade Level (3-11) and Course (Algebra 1, Geometry and Algebra II)
- ELA by Grade Level 3-11 and Course (English I, II and III)
- Science Grade 5 and Grade 8, computer based administration aligned to NGSS – date TBD
- Biology – anticipate replacement with a comprehensive high school science (not necessarily Biology), computer based administration for grade 11 – date TBD

Spring 2018 PARCC

- Single administration—spring -Grades 3-11
- Single administration – end of each semester Grades 9-11 (Fall and Spring)
- Technology-based
- Assessment dates/times vary by grade level
- Math by Grade Level (3-11) and Course (Algebra 1, Geometry and Algebra II)
- ELA by Grade Level 3-11 and Course (English I, II and III)
- Science Grade 5, 8 and 11 computer based administration aligned to NGSS (NJSLA)



How Does PARCC Impact High School Graduation Requirements?

1. Meet the minimum requirement of courses in ELA, Math, Science, Social Studies, Financial Literacy, Performing/Practical Arts, Physical Education and World Language

AND

2. Demonstrate competency in ELA *and* Math on a State assessment (or alternative assessment)



How Does PARCC Impact High School Graduation Requirements?

- PARCC is *one* of **multiple** assessments which can be used to demonstrate competency and meet the graduation requirement in ELA *and* Math for the class of 2019 - 21 (current Grade 10-12 students)



Partnership for Assessment of
Readiness for College and Careers

How Does PARCC Impact High School Graduation Requirements?

The State Board of Education on August 3, 2016 approved updated state regulations for high school graduation for the class of 2016-2021 with clarification provided in November 2016



How Does PARCC Impact High School Graduation Requirements?

Recommendations were made to
the State Board of Education
July 2018
for high school graduation for the
class of
2021



How Does PARCC Impact High School Graduation Requirements?

1. Achieving passing scores on certain PARCC assessments; *or*
2. Achieving certain scores on alternative assessments such as the SAT, ACT, *or* Accuplacer; *or*



How Does PARCC Impact High School Graduation Requirements?

3. Submission by the district of a student portfolio through the Department's portfolio appeals process.
4. (Special Education students whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies will continue to follow the graduation requirements set forth in their IEPs.)







ELA and Math Assessment Requirements for the Class of 2019

Three Pathways Available	<u>English Language Arts (ELA)</u>	<u>Mathematics</u>
<u>First Pathway</u> Take and Pass a PARCC Test	PARCC ELA Grade 9 \geq 750 (Level 4) or PARCC ELA Grade 10 \geq 750 (Level 4) or PARCC ELA Grade 11 \geq 725 (Level 3)	PARCC Algebra I \geq 750 (Level 4) or PARCC Geometry \geq 725 (Level 3) or PARCC Algebra II \geq 725 (Level 3)
<u>Second Pathway</u> Take and Pass one of the Alternative Assessments	SAT Critical Reading (taken before 3/1/16) or SAT Evidence-Based Reading and Writing Section (taken 3/1/16 or later) or SAT Reading Test (taken 3/1/16 or later) or ACT Reading or ACT PLAN Reading* or Accuplacer WritePlacer or Accuplacer WritePlacer ESL or PSAT10 Reading or PSAT/NMSQT Reading (taken before 10/1/15) or PSAT10 Reading or PSAT/NMSQT Reading (taken 10/1/15 or later) or ACT Aspire Reading* or ASVAB-AFQT Composite	SAT Math (taken before 3/1/16) or SAT Math Section (taken 3/1/16 or later) or SAT Math Test (taken 3/1/16 or later) or ACT or ACT PLAN* Math or Accuplacer Elementary Algebra or PSAT10 Math or PSAT/NMSQT Math (taken before 10/1/15) or PSAT10 Math or PSAT/NMSQT Math (taken 10/1/15 or later) or ACT Aspire Math* or ASVAB-AFQT Composite
<u>Third Pathway</u> Portfolio Appeals	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

Note: * Test is no longer administered but can be used for the graduating year.

ELA and Math Assessment Requirements for the Class of 2020

Three Pathways Available	English Language Arts (ELA)	Mathematics
First Pathway <i>Take and Pass a PARCC Test</i>	 PARCC ELA Grade 9 <i>or</i> PARCC ELA Grade 10 <i>or</i> PARCC ELA Grade 11	 PARCC Algebra I*** <i>or</i> PARCC Geometry <i>or</i> PARCC Algebra II
Second Pathway <i>Take and Pass one of the Alternative Assessments</i> <div> <i>This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible and receive valid scores*</i> </div>	 SAT Reading Test <i>or</i> ACT Reading or ACT PLAN Reading** <i>or</i> Accuplacer WritePlacer <i>or</i> Accuplacer WritePlacer ESL <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading <i>or</i> ACT Aspire Reading** <i>or</i> ASVAB-AFQT Composite	 SAT Math Test <i>or</i> ACT or ACT PLAN Math** <i>or</i> Accuplacer Elementary Algebra <i>or</i> PSAT10 Math or PSAT/NMSQT Math <i>or</i> ACT Aspire Math** <i>or</i> ASVAB-AFQT Composite
Third Pathway <i>Portfolio Appeals</i> <div> <i>This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible and receive valid scores*</i> </div>	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

Note: * "Eligible" is defined as a student who is enrolled in a high-school level course for which there is a PARCC test and receives a valid score. This includes all of these courses: Algebra I, Geometry, Algebra II, ELA 9, ELA 10, and ELA 11. ** Test is no longer administered but can be used for the graduating year. *** The NJDOE is providing flexibility to meet the math assessment requirement for students in the Classes of 2020 and 2021 who completed an Algebra I course prior to the September 6, 2016 effective date of the new high school assessment regulations.

ELA and Math Assessment Requirements for the Class of 2021

<u>Two Pathways Available</u>	<u>English Language Arts (ELA)</u>	<u>Mathematics</u>
<u>First Pathway</u>	Take and Pass PARCC ELA Grade 10	Take and Pass PARCC Algebra I**
<u>Second Pathway</u> <i>This Pathway is only available if a student takes all PARCC tests associated with the high-school level courses for which they were eligible*</i>	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

Note: * "Eligible" is defined as a student who is enrolled in a high-school level course for which there is a PARCC test and receive a valid score. This includes all of these courses: Algebra I, Geometry, Algebra II, ELA 9, ELA 10, and ELA 11. ** The NJDOE is providing flexibility to meet the math assessment requirement for students in the Classes of 2020 and 2021 who completed an Algebra I course prior to the September 6, 2016 effective date of the new high school assessment regulations.

Recommendation for 2021

- **Combines the requirements of 2020 + 2019**

Graduation Requirements: Classes 2019 (current 12th graders)

PARCC

- PARCC EOC Algebra I, Geometry, Algebra II and ELA 9, ELA 10, ELA 11

Substitute
Assessments

- Any of the following: SAT, ACT/ACT PLAN, Accuplacer, ASVAB-AFQT, PSAT, ACT
- Aspire EOC PARCC assessment (ELA 9, ELA 11, Geometry, or Algebra II)

Portfolio
Appeal

- Submitted by the district on behalf of the student.

Students in these classes have limited opportunities to participate in PARCC assessments and some may have already taken subjects tested by PARCC.

As such, to meet graduation requirements, students are able to meet various scores on PARCC assessments, substitute assessments or via the portfolio appeal process.

Graduation Requirements:

Class of 2020 (current 11th graders)

- ❖ Students in the class of 2020 are required to take PARCC assessments if they are in classes covered by PARCC content **before** they are eligible to utilize either the substitute assessments or the portfolio appeal.

PARCC

- PARCC EOC Algebra I, Geometry, Algebra II and ELA 9, ELA 10, ELA 11

Substitute
Assessments

- Any of the following: SAT, ACT/ACT PLAN, Accuplacer, ASVAB-AFQT, PSAT, ACT Aspire

Portfolio
Appeal

- Submitted by the district on behalf of the student.

Phase III Graduation Requirements: Class of 2021 (current 10th graders) and Moving Forward

❖ Recommendations for the Class of 2021



- PARCC EOC Algebra I and ELA 10



- Submitted by the district on behalf of the student.

- Any of the following: SAT, ACT/ACT PLAN, Accuplacer, ASVAB-AFQT, PSAT, ACT Aspire

How Does PARCC Impact High School Graduation Requirements?

	PARCC	SAT (Prior to March 2016)	ACT	Accuplacer	PSAT (Prior to October 2016)	ACT Aspire	ASVAB- AFQT	NJ DOE Portfolio Appeal
ELA	Grade 9 >= 750 (Level 4) or Grade 10 >= 750 (Level 4) or Grade 11 >= 725 (Level 3)	400 Critical Reading	16	6 Write Placer 4 Write Placer ESL	40 Critical Reading PSAT10 Reading or PSAT/NMS QT Reading** * >=22	422	31 Composite	Meet criteria



** SAT - new scoring criterion after March 2016

*** PSAT taken October 2016

How Does PARCC Impact High School Graduation Requirements?

	PARCC	SAT (Prior to March 2016)	ACT	Accuplacer	PSAT (Prior to October 2016)	ACT Aspire	ASVAB -AFQT	NJ DOE Portfolio Appeal
Math	Algebra I >= 750 (Level 4) <i>or</i> Geometry >= 725 (Level 4) <i>or</i> Algebra II >= 725 (Level 3)	400 Critical Reading	16	76 Elementary Algebra	40 Critical Reading PSAT10 Math or PSAT/N MSQT Math *** >=22	422	31	Meet criteria



** SAT - new scoring criterion after March 2016

*** PSAT taken October 2016

Overview of the PARCC Data



2018 Math Performance

**Meet/Exceed the District and State percentage
of students at a Level 4+5**

Building	Grade	State Score	School Score
Parkway	5	48	46



2018 ELA Performance

**Grade levels which exceed the DISTRICT
percentage of students at a Level 4+5**

Building	Grade	District Score	School Score
Antheil	3	39	39
Lore	3	39	41
Antheil	4	42	49
Antheil	5	45	52
Parkway	5	45	50



2018 Math Performance

**Grade levels which meet/exceed the DISTRICT
percentage of students at a Level 4+5**

Building	Grade	District Score	School Score
Lore	3	48	51
Antheil	3	48	48
Antheil	4	40	40
Lore	4	40	45
Antheil	5	41	44
Parkway	5	41	46




ELA Total Population Comparison %

Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
3	38	39	+1
4	34	42	+8
5	52	45	-7
6	31	45	+14
7	40	52	+7
8	32	43	+11
9	35	42	+7
10	41	31	-7
11	32	25	-7



ELA Total Population Comparison %

Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
3	38	39 	+1
4	34	42 	+8
5	52	45 	-7

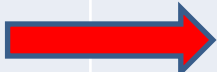



ELA Total Population Comparison %

Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
6	31	45 →	+14
7	40	52 →	+12
8	32	43 →	+11



ELA Total Population Comparison %

Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
9	35	42 	+7
10	41	31 	-10
11	32	25 	-7



District Math Total Population Comparison %

Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
3	50	48 →	-2
4	34	40 →	+6
5	33	41 →	+8



District Math Total Population Comparison %

Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
6	32	33	+1
7	32	41	+9
8	28	24	-4




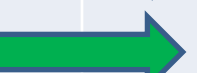







District Math Total Population Comparison %

Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
Algebra I	25	35 	+10
Geometry	19	16 	-3
Algebra II	10	12 	+2



Math Total Population Comparison %



Grade Level	Level 4+5 2017	Level 4+5 2018	Difference
3	50	48 	-2
4	34	40 	+6
5	33	41 	+8
6	32	33 	+1
7	32	41 	+9
8	28	24 	-4
Algebra I	25	35 	+10
Geometry	19	16 	-3
Algebra II	10	12 	+2



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“Apples to Apples” PARCC ELA Comparison %






Grade	2017	2018	Difference
3-4	38	41	 +3
4-5	34	45	 +11



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“Apples to Apples” PARCC ELA Comparison %






Grade	2017	2018	Difference
5-6	52	45	 -7
6-7	31	52	 +21
7-8	40	43	 +3



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“Apples to Apples” PARCC ELA Comparison %



Grade	2017	2018	Difference
8-9	32	42	 +10
9-10	35	31	 -4
10-11	41	25	 -16



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“Apples to Apples” PARCC Math Comparison %





Grade	2017	2018	Difference
3-4	50	40	↓ -10
4-5	34	41	↑ +7



“Apples to Apples” PARCC Math Comparison %






Grade	2017	2018	Difference
5-6	33	33	-0
6-7	32	41	 +9
7-8	32	24	 -8



“Apples to Apples” PARCC Math Comparison %



Grade	2017	2018	Difference
Algebra I	25	35	 +10
Geometry	19	16	 -3
Algebra II	10	12	 +2



District Overview by Building



Areas of Encouragement

- All grades (3-5) in ELA and Math meets/exceeded the percentage of students achieving a Level 4/5 at the district level

Focus Area

- Grades 3 Literacy (Reading, Information text, Vocabulary and Writing expression)
- Grade 3 Math (Reasoning)
- Grade 5 Math



Lore Elementary School

Areas of Encouragement

- Grade 3 ELA met the district percentage of students achieving Level 4/5
- Grades 3 Math exceeded the district percentage of students achieving Level 4/5
- Grade 4 Math exceeded the district percentage of students achieving Level 4/5

Focus Areas

- Grade 4- 5 Literacy (Writing)
- Grades 5 Math (Modeling and Reasoning)



Area of Encouragement

- Grade 5 ELA exceeded the district percentage of students achieving Level 4/5
- Grade 5 Math exceeded the district percentage of students achieving Level 4/5

Focus Areas

- Grades 3-4 Literacy (Information text and Writing expression)
- Grade 3-4 (Modeling and application)





Areas of Encouragement

- 95% of students enrolled in the eighth (8th) grade Algebra I class achieved a 4/5 on the Algebra I assessment
- Grade 7 ELA demonstrated significant growth in students achieving Level 4/5
- Grade 7 Math demonstrated growth in students achieving Level 4/5

Focus Areas

- Grades 6 & 8 Math
(Modeling and application)
- Grades 6 & 8 Literacy
(Information text and Writing expression)





Area of Encouragement

- Increase % of students achieving Level 4/5 in Algebra I and Algebra II
- Increase % of students achieving Level 4/5 in English 9 and English 10

Focus Areas

- English II (Information text, Vocabulary and Writing expression)
- Geometry





5 Year - SAT Data

School Year	School Mean Reading SAT	School Mean Math SAT
2012-2013	462	454
2013-2014	471	458
2014-2015	460	450
2015-2016	560	505
2016-2017	534	513



Next Steps: 2018-19

District Focus includes:

- Continue professional development focused on the New Jersey Student Learning Standards (NJSLS) in English Language Arts and Mathematics
- Continue to refine classroom assessments NJSLS in English Language Arts and Mathematics to reflect both NJSLS and PARCC Evidence Statements.
- Refine common benchmark assessments, data analysis processes and using data to meet student needs in all content areas



Next Steps: 2018-19

District Focus includes:

- Strategically infuse student learning experience which infuses writing across the curriculum
- Focus on critical thinking and application of knowledge across all content areas
- Infuse RST-format questions across Grades 2-11 into the grade level curriculum
- Strategically infuse student learning experiences which infuse writing across the curriculum
- Refine common benchmark assessments and data analysis processes in all content areas



Next Steps: 2018-19

District Focus includes:

- Extend the Grade 6-8 Math Coach to grades 5 and 9-12
- Continue implementation of writing program Grades K-5
- Refine implementation of writing across the district curriculum (RST formatted questions)



Next Steps: 2018-19

Building Level Focus includes:

- Monitor implementing with fidelity new instructional material in English 10-11, Geometry and Algebra II.
- Continue to refine common assessments for Algebra I, Geometry and Algebra II
- Monitor implementing with fidelity the writing instructional materials at the middle school



Questions?

