

CHESTER SCHOOL DISTRICT
PARCC RESULTS
SPRING 2018 ADMINISTRATION

OCTOBER 15, 2018

PARCC RESULTS: YEAR FOUR

Measuring
College and
Career
Readiness

NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2018 marks the 4th and final administration of the Partnership for Assessment of Readiness for College and Careers (PARCC) and the opportunity to compare year-to-year results as the following slides will show.
- Students took PARCC English Language Arts and Literacy Assessments (ELA/L) in grades 3 – 8 .
- Students took PARCC Mathematics Assessments in grades 3 – 8 and End of Course Assessments in Algebra I and Geometry.

NEW JERSEY'S SPRING 2019 ASSESSMENT NAME, LENGTH AND TIME CHANGES

- As of spring 2019, New Jersey's Statewide Assessments will be called:
 - New Jersey Student Learning Assessments - ELA (NJSLA-ELA)
 - New Jersey Student Learning Assessments - Mathematics (NJSLA-M)

- For ELA, the # of units will be reduced from 3 to 2 for a reduction of 75 min. for grade 3 and 90 min. for grades 4 through high school

- For math, the # of units and time will be reduced as follows:
 - grades 3 - 5 = # of units from 4 to 3; - 60 min. of testing time
 - grades 6 - 8 = # of units remain at 3; - 60 min. of testing time
 - Algebra I EOC test = # of units from 3 to 2; - 90 min. of testing time

PARCC PERFORMANCE LEVELS

- **Level 1: Not yet meeting grade-level expectations**
- **Level 2: Partially meeting grade-level expectations**
- **Level 3: Approaching grade-level expectations**
- **Level 4: Meeting grade-level expectations**
- **Level 5: Exceeding grade-level expectations**

PARCC PARTICIPATION RATE

- Our PARCC Participation rate has steadily climbed over the four years due to a dedicated effort to engage parents and students around the benefits of assessment in all forms.
 - 2015 = 82%
 - 2016 = 82%
 - 2017 = 93%
 - 2018 = 96%

COMPARATIVE ANALYSIS OF PARCC/ NJ/ CHESTER
2018 PARCC GRADE- LEVEL AVERAGE SCORES:
ENGLISH LANGUAGE ARTS/LITERACY

Grade	Number of Test Takers	PARCC Average Overall Score	NJ State Average Overall Score	Chester Average Overall Score
Grade 3	104	739	750	763
Grade 4	124	744	756	768
Grade 5	122	742	755	769
Grade 6	104	742	754	765
Grade 7	127	745	760	781
Grade 8	130	743	759	780

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS

2018 PARCC ENGLISH LANGUAGE ARTS/LITERACY

Grade	National PARCC % >= Level 4	NJ % >= Level 4	Chester % >= Level 4
Grade 3	40.8%	51.7%	63.5%
Grade 4	44.2%	58%	70.2%
Grade 5	42.9%	58%	71.3%
Grade 6	40.9%	56.2%	73.1%
Grade 7	46.9%	62.7%	82.7%
Grade 8	43.9%	60.4%	82.3%

Summary of Schools

Grade 3 ELA Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 3

CHESTER TWP
NEW JERSEY
SPRING 2018

ENGLISH LANGUAGE ARTS / LITERACY Grade 3 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	ELA/L AVG OVERALL SCORE	AVG SCORE	READING*			AVG SCORE	WRITTEN* EXPRESSION	WRITING* CONVENTIONS
				LITERARY	INFORMATION	VOCABULARY			
CROSS-STATE 20 17 23 36 5	339,398	739	45	 40 19 40	 43 19 38	 36 22 41	31	 36 19 45	 37 15 48
STATE 13 13 21 44 8	98,314	750	49	 34 19 48	 35 20 45	 29 23 47	35	 25 16 58	 25 13 62
DISTRICT 6 11 20 53 11	104	763	56	 21 21 58	 18 20 62	 13 21 66	37	 19 14 66	 21 11 68
BRAGG ELEMENTARY SCHOOL 6 11 20 53 11	104	763	56	 21 21 58	 18 20 62	 13 21 66	37	 19 14 66	 21 11 68

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-809)	5 Exceeded Expectations (810-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools Grade 4 - ELA Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 4

CHESTER TWP
NEW JERSEY
SPRING 2018

ENGLISH LANGUAGE ARTS / LITERACY Grade 4 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	ELA/L AVG OVERALL SCORE	AVG SCORE	LITERARY	READING* INFORMATION	VOCABULARY	AVG SCORE	WRITTEN* EXPRESSION	WRITING* CONVENTIONS
CROSS-STATE 13 18 25 33 11	345,891	744	47	34 21 45	38 17 44	32 25 43	32	34 16 50	27 34 39
STATE 8 12 22 39 19	99,447	756	51	25 20 55	30 16 55	24 25 51	36	22 13 65	16 28 57
DISTRICT 1 10 19 42 28	124	768	57	14 16 70	15 14 72	14 18 69	38	19 10 72	11 24 65
BRAGG ELEMENTARY SCHOOL 1 10 19 42 28	124	768	57	14 16 70	15 14 72	14 18 69	38	19 10 72	11 24 65

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-789)	5 Exceeded Expectations (790-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools

Grade 5 - ELA Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 5

CHESTER TWP
NEW JERSEY
SPRING 2018

ENGLISH LANGUAGE ARTS / LITERACY Grade 5 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	ELA/L AVG OVERALL SCORE	AVG SCORE	READING*			AVG SCORE	WRITTEN* EXPRESSION	WRITING* CONVENTIONS
				LITERARY	INFORMATION	VOCABULARY			
CROSS-STATE 12 19 26 38 5	349,130	742	47	32 23 44	36 22 43	35 21 44	32	35 15 50	32 27 41
STATE 7 13 22 47 11	101,065	755	51	24 22 55	27 20 53	28 21 52	36	20 13 67	18 22 60
DISTRICT 1 4 24 57 14	122	769	56	10 23 67	12 20 68	8 20 72	39	8 11 80	7 19 75
BRAGG ELEMENTARY SCHOOL 1 4 24 57 14	122	769	56	10 23 67	12 20 68	8 20 72	39	8 11 80	7 19 75

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-799)	5 Exceeded Expectations (799-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools Grade 6 - ELA Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 6

CHESTER TWP
NEW JERSEY
SPRING 2018

ENGLISH LANGUAGE ARTS / LITERACY Grade 6 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	ELA/L AVG OVERALL SCORE	AVG SCORE	LITERARY	READING* INFORMATION	VOCABULARY	AVG SCORE	WRITTEN* EXPRESSION	WRITING* CONVENTIONS
CROSS-STATE 11 20 28 33 8	345,435	742	47	33 26 41	33 28 38	37 23 40	31	39 19 43	34 26 40
STATE 6 14 24 41 15	99,421	754	50	24 24 51	25 27 49	31 24 46	35	23 15 62	19 22 59
DISTRICT 0 6 21 58 15	104	765	57	12 19 69	7 34 60	9 14 77	38	11 15 74	6 25 69
BLACK RIVER MIDDLE SCHOOL 0 6 21 58 15	104	765	57	12 19 69	7 34 60	9 14 77	38	11 15 74	6 25 69

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-769)	5 Exceeded Expectations (790-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools

Grade 7 - ELA Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 7

CHESTER TWP
NEW JERSEY
SPRING 2018

ENGLISH LANGUAGE ARTS / LITERACY Grade 7 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	ELA/L AVG OVERALL SCORE	AVG SCORE	LITERARY	READING* INFORMATION	VOCABULARY	AVG SCORE	WRITTEN* EXPRESSION	WRITING* CONVENTIONS
CROSS-STATE 14 16 23 30 16	339,954	745	48	35 17 49	31 22 46	34 22 44	32	32 21 47	31 20 48
STATE 9 10 18 34 29	98,295	760	52	26 16 58	24 20 56	28 22 51	37	18 16 66	17 16 67
DISTRICT 2 5 11 33 50	127	781	61	10 10 80	6 16 78	9 25 65	42	5 11 84	6 7 87
BLACK RIVER MIDDLE SCHOOL 2 5 11 33 50	127	781	61	10 10 80	6 16 78	9 25 65	42	5 11 84	6 7 87

1 Did Not Yet Meet Expectations (850-899)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-784)	5 Exceeded Expectations (785-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools Grade 8 - ELA Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 8

CHESTER TWP
NEW JERSEY
SPRING 2018

ENGLISH LANGUAGE ARTS / LITERACY Grade 8 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	ELA/L AVG OVERALL SCORE	AVG SCORE	READING*			AVG SCORE	WRITTEN*	WRITING*
				LITERARY	INFORMATION	VOCABULARY		EXPRESSION	CONVENTIONS
CROSS-STATE 	340,522	743	47				32		
STATE 	100,150	759	51				38		
DISTRICT 	130	780	61				41		
BLACK RIVER MIDDLE SCHOOL 	130	780	61				41		

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-740)	4 Met Expectations (750-793)	5 Exceeded Expectations (794-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

COMPARATIVE ANALYSIS OF PARCC/ NJ/ CHESTER
2018 PARCC GRADE- LEVEL AVERAGE SCORES:

MATHEMATICS

Grade	Number of Test Takers	PARCC Average Overall Score	NJ State Average Overall Score	Chester Average Overall Score
Grade 3	105	742	752	767
Grade 4	124	738	748	759
Grade 5	122	738	748	772
Grade 6	104	734	744	765
Grade 7	94	736	743	756
Grade 8	70	725	728	744
Algebra I	72	741	746	796
Geometry	25	734	734	790

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2018 PARCC MATHEMATICS

Grade	National PARCC % >= Level 4	NJ % >= Level 4	Chester % >= Level 4
Grade 3	42.8%	53%	67.6%
Grade 4	37.7%	49.4%	65.3%
Grade 5	37.3%	48.8%	81.1%
Grade 6	32.1%	43.5%	70.2%
Grade 7	32.9%	43.4%	71.3%
Grade 8	25.8%	28.2%	42.9%
Algebra I	39.1%	45.8%	100%
Geometry	28.4%	29.5%	100%

Summary of Schools

Grade 3 - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 3

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Grade 3 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
CROSS-STATE 13 20 25 32 11	348,690	742	33 27 40	34 28 38	31 24 45	35 19 46
STATE 8 15 24 38 15	99,262	752	24 27 49	24 28 48	23 22 55	29 18 53
DISTRICT 1 9 23 44 24	105	767	9 29 63	10 26 64	12 22 66	10 20 70
BRAGG ELEMENTARY SCHOOL 1 9 23 44 24	105	767	9 29 63	10 26 64	12 22 66	10 20 70

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-789)	5 Exceeded Expectations (790-850)
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* Numbers are percentages

Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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Summary of Schools

Grade 4 - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 4

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Grade 4 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
CROSS-STATE 13 22 27 33 5	354,653	738	36 29 35	39 24 37	41 21 38	41 18 41
STATE 8 17 26 42 8	100,378	748	24 30 47	29 23 48	31 22 47	32 17 51
DISTRICT 3 10 22 53 12	124	759	11 26 63	26 32 42	19 19 62	19 9 73
BRAGG ELEMENTARY SCHOOL 3 10 22 53 12	124	759	11 26 63	26 32 42	19 19 62	19 9 73

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-795)	5 Exceeded Expectations (796-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools

Grade 5 - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 5

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Grade 5 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
CROSS-STATE 14 22 27 31 7	356,669	738	36 29 35	42 26 32	41 22 38	39 22 39
STATE 7 17 27 38 10	101,703	748	24 29 47	32 27 41	31 22 48	32 21 47
DISTRICT 1 3 15 53 28	122	772	2 17 80	12 16 72	8 15 77	15 15 70
BRAGG ELEMENTARY SCHOOL 1 3 15 53 28	122	772	2 17 80	12 16 72	8 15 77	15 15 70

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-789)	5 Exceeded Expectations (790-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools Grade 6 - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 6

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Grade 6 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
CROSS-STATE 14 26 28 27 5	346,888	734	39 30 31	43 27 31	40 28 32	49 19 32
STATE 8 20 28 36 8	100,174	744	29 30 42	30 27 43	31 27 42	39 21 40
DISTRICT 0 6 24 53 17	104	765	4 29 67	7 19 74	11 26 63	17 15 67
BLACK RIVER MIDDLE SCHOOL 0 6 24 53 17	104	765	4 29 67	7 19 74	11 26 63	17 15 67

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-787)	5 Exceeded Expectations (788-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools

Grade 7 - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 7

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Grade 7 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
CROSS-STATE 11 26 30 29 4	324,982	736	37 30 32	38 34 28	36 28 36	47 20 33
STATE 8 20 29 36 7	94,938	743	28 29 43	30 33 37	28 26 46	39 20 41
DISTRICT 3 7 18 61 11	94	756	13 19 68	17 37 46	12 20 68	27 16 57
BLACK RIVER MIDDLE SCHOOL 3 7 18 61 11	94	756	13 19 68	17 37 46	12 20 68	27 16 57

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-785)	5 Exceeded Expectations (786-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools

Grade 8 - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Grade 8

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Grade 8 Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
 27 24 24 23 3	265,249	725	 51 23 26	 51 23 26	 50 20 30	 47 16 36
 22 23 27 27 1	64,462	728	 45 25 29	 46 25 29	 47 21 32	 44 19 37
 4 24 29 43 0	70	744	 29 27 44	 26 27 47	 31 19 50	 30 19 51
 4 24 29 43 0	70	744	 29 27 44	 26 27 47	 31 19 50	 30 19 51

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-800)	5 Exceeded Expectations (801-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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Summary of Schools Algebra - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Algebra I

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Algebra I Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
CROSS-STATE 14 22 25 34 5	223,497	741	31 27 42	40 18 42	39 25 36	52 10 38
STATE 11 19 24 39 6	110,972	746	26 25 49	34 18 48	34 24 42	46 11 43
DISTRICT 0 0 0 67 33	72	796	0 0 100	0 0 100	0 8 92	0 8 92
BLACK RIVER MIDDLE SCHOOL 0 0 0 67 33	72	796	0 0 100	0 0 100	0 8 92	0 8 92

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-804)	5 Exceeded Expectations (805-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Summary of Schools Geometry - Math Analysis



STATE OF NEW JERSEY
DEPARTMENT OF EDUCATION

DISTRICT SUMMARY OF SCHOOLS

Geometry

CHESTER TWP
NEW JERSEY
SPRING 2018

MATHEMATICS Geometry Assessment, 2017–2018

PERFORMANCE DISTRIBUTION BY %	NUMBER OF STUDENTS	MATH AVG OVERALL SCORE	MATHEMATICS*			
			MAJOR CONTENT	SUPPORTING CONTENT	REASONING	MODELING
CROSS-STATE 10 33 29 24 5	131,696	734	41 31 28	40 31 29	59 14 27	53 16 31
STATE 9 31 30 25 5	90,159	734	40 31 30	40 31 29	58 14 28	53 16 32
DISTRICT 0 0 0 24 76	25	790	0 0 100	0 0 100	0 0 100	0 0 100
BLACK RIVER MIDDLE SCHOOL 0 0 0 24 76	25	790	0 0 100	0 0 100	0 0 100	0 0 100

1 Did Not Yet Meet Expectations (650-699)	2 Partially Met Expectations (700-724)	3 Approached Expectations (725-749)	4 Met Expectations (750-782)	5 Exceeded Expectations (783-850)
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Did Not Yet Meet or Partially Met Expectations	Approached Expectations	Met or Exceeded Expectations
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* Numbers are percentages

Approached Expectations

Grade	Subject	730-749	740-749
3	ELA	21	12
4	ELA	23	8
5	ELA	29	19
6	ELA	22	12
7	ELA	14	10
8	ELA	18	10
Totals		127	71
Grade	Subject	730-749	740-749
3	Math	24	13
4	Math	27	13
5	Math	18	7
6	Math	25	14
7	Math	17	7
8	Math	20	4
Totals		131	58

GRADE LEVEL STUDENT PARCC PERFORMANCE STUDENT POPULATIONS

PARCC
ELA & MATH
2018

SUB GROUP DATA

N > 20

- Disaggregated subgroup data is required to be reported on to the public when the # of students is 20 or greater in a specific category. If not, the data is kept confidential to protect student privacy.
- In Chester, there were 25 student with IEPs in grades 4, 5 & 8.
- The following is the public reporting of the data for these students.

STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS for STUDENTS WITH IEPs in 2018 ELA

Grade	Chester % >= Level 4 Students with IEPs	Chester >=Level 4 Students w/out IEPs
Grade 4	28%	80.8%
Grade 5	32%	81.4%
Grade 8	64%	86.7%

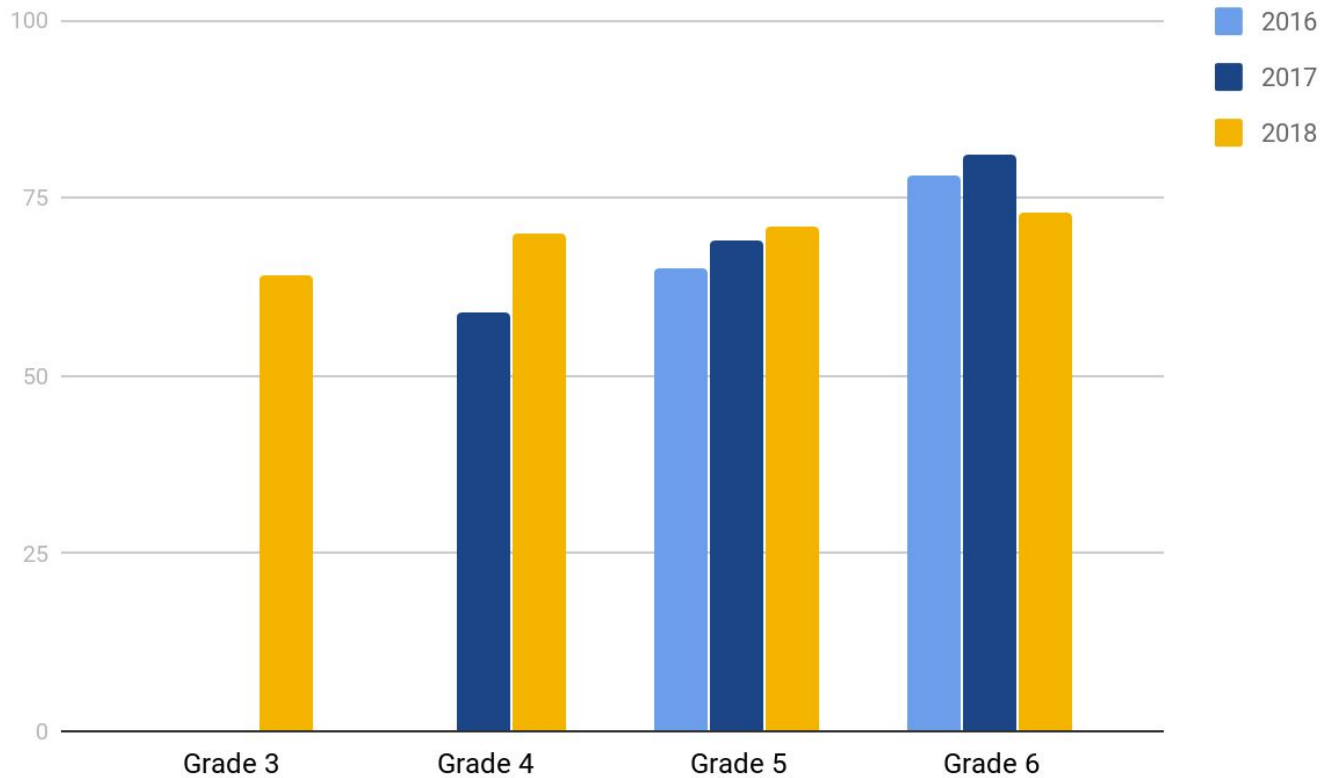
STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS for STUDENTS WITH IEPs in 2018 MATH

Grade	Chester % >= Level 4 Students with IEPs	Chester % >=Level 4 Students w/out IEPs
Grade 4	36%	72.7%
Grade 5	64%	85.6%
Grade 8	32%	48.9%

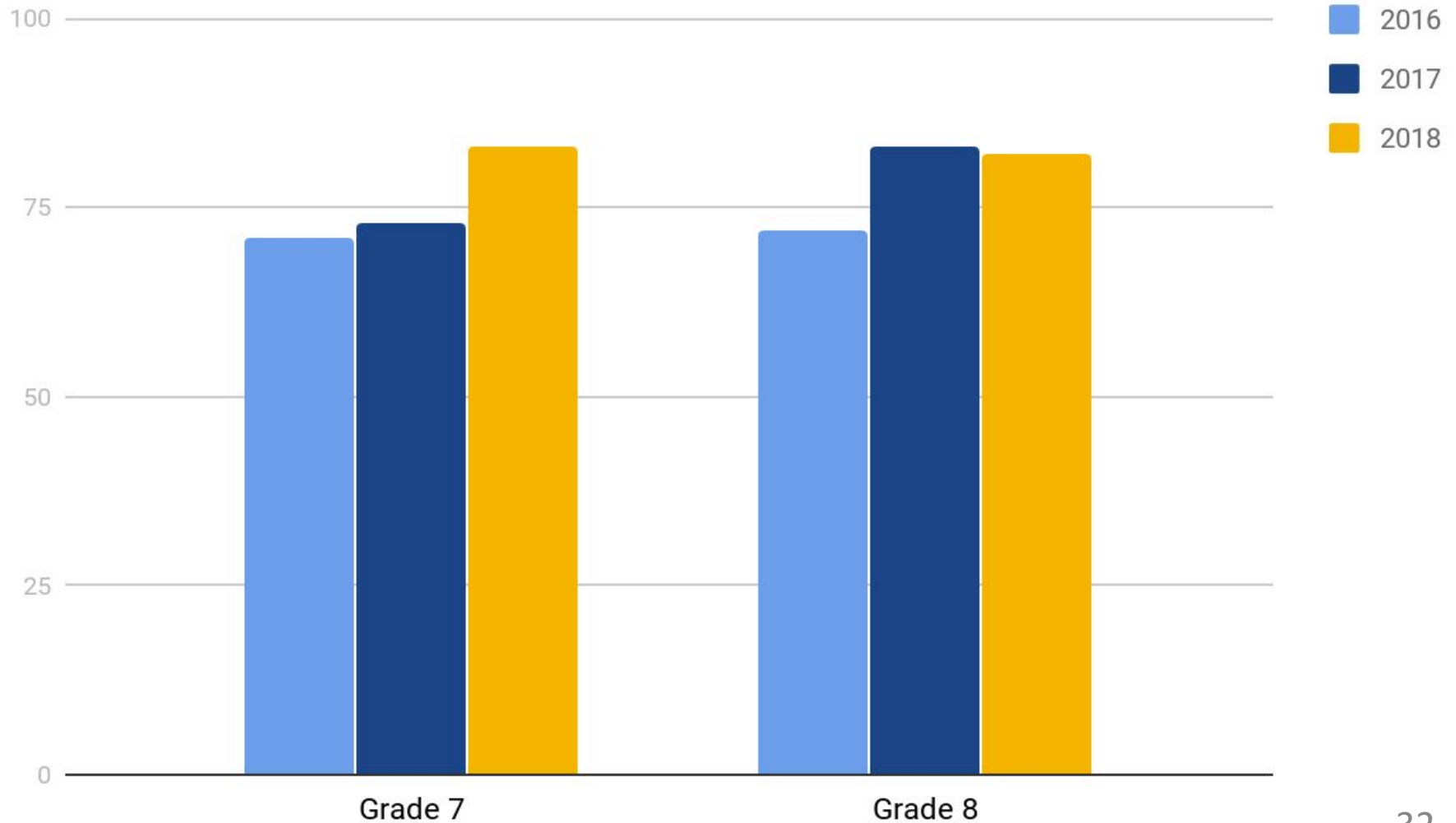
GRADE LEVEL STUDENT PARCC PERFORMANCE TRENDING

ELA & Math
Performance
Comparisons

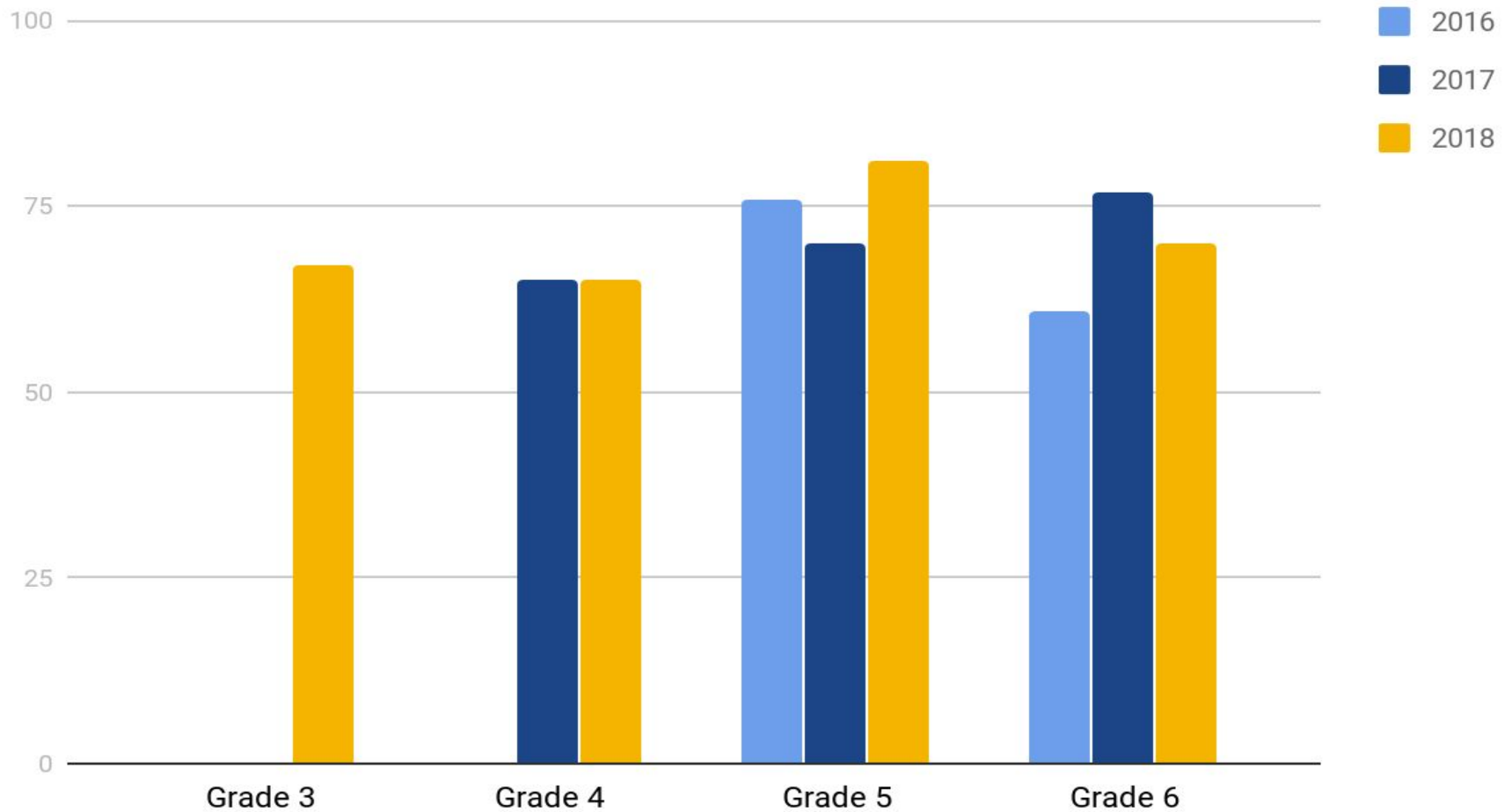
ELA PARCC Score Trends 2016 - 2018 - Comparing the Same Cohort of Students Over Time



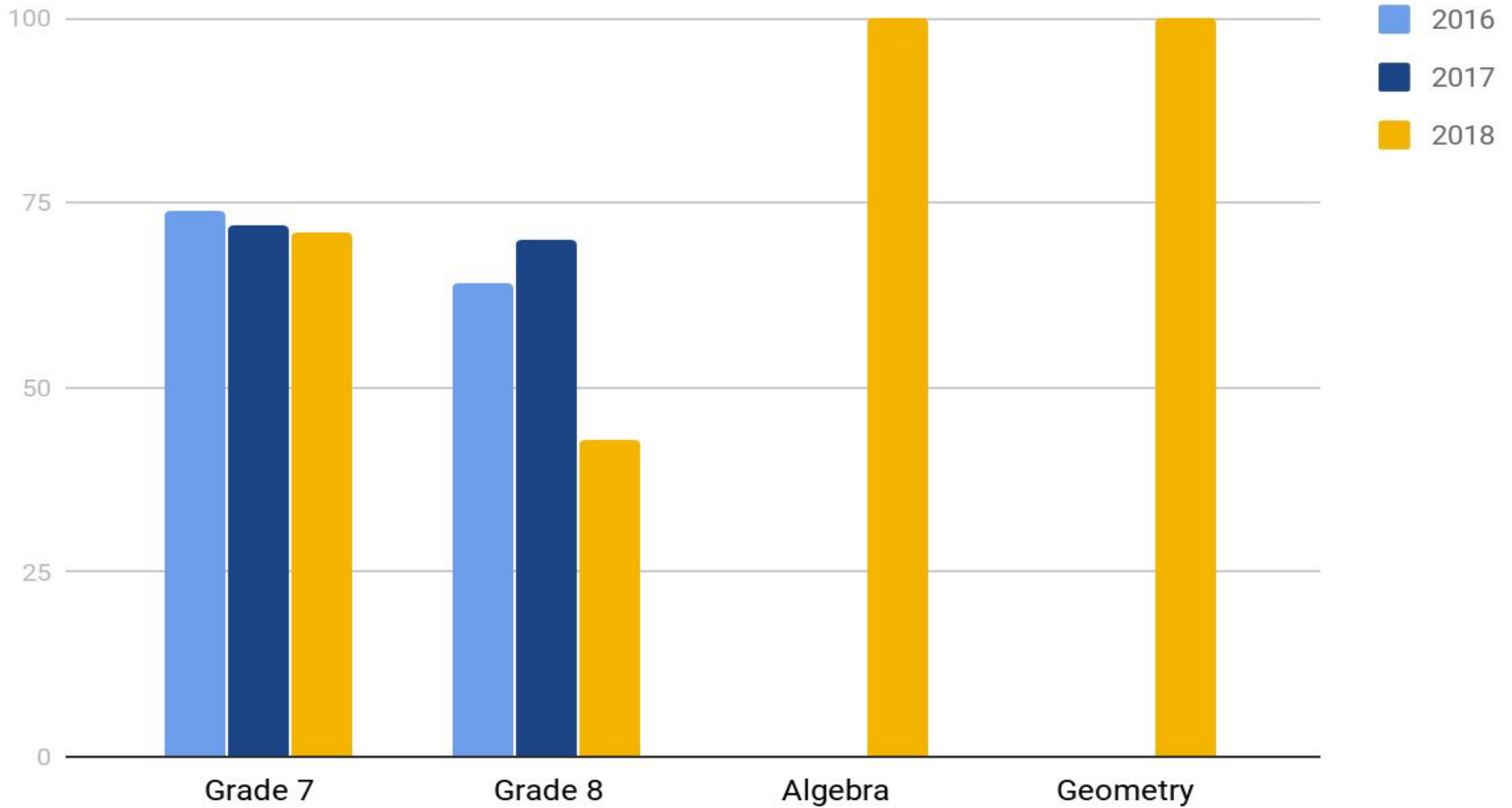
ELA PARCC Score Trends 2016 - 2018 - Comparing the Same Cohort of Students Over Time



MATH PARCC Score Trends 2016 - 2018 - Comparing the Same Cohort of Students Over Time



MATH PARCC Score Trends 2016 - 2018 - Comparing the Same Cohort of Students Over Time



QUESTIONS TO GUIDE PARCC DATA REFLECTION

- **How will we use PARCC data to identify strengths and gaps that exist in our curriculum and instruction?**
- **How will we use PARCC data as a tool to address areas in need of improvement or enhancement?**
- **How can we provide additional resources and support for our educators to meet the learning needs of all our students?**

WHAT CONCLUSIONS CAN WE CELEBRATE FROM THE DATA?

- In general, our students are showing a great deal of growth over their years in the Chester Schools. This can be evidenced by our 65.1% rating in grade 3 Gen Ed ELA to our 90.3% (7) & 86.7% rating in grades 7 and 8 Gen Ed ELA.
- This is what led to our impressive ranking in the **Stanford University Study “How Effective is Your School District? - A New Study Shows Where Students Learn the Most”**
- Our Chester students were found to show **6.7 yrs. of growth over a 5 yr. time period. We scored in the 100% of 11,000 school districts nationwide.**

DISTRICT	GROWTH AFTER 5 YEARS	NAT. PCT.	MEDIAN INC.
Chester Township N.J.	6.7 yrs.	100th	\$166k

WHAT CONCLUSIONS CAN WE CELEBRATE FROM THE DATA?

- **Positive trend data can also be found in the ELA accomplishments of our current 4th grade students who made significant gains from last year scoring from 59% to 70% Levels 4 & 5 in only one years time.**
- **Positive trend data in ELA continues as students currently in grade 7 grew from 71% to 83% Level 4 & 5 over three years time. Similarly our grade 8 students grew from 72% to 82% in the same time frame.**
- **Our math gains were also notable. Grade 5 Math students overall represented strong scores with 81.1% of all students and 85.6% of Gen Ed students scoring at Levels 4 & 5.**

WHAT CONCLUSIONS CAN WE CELEBRATE FROM THE DATA?

- **Our upper level Math Scores of Algebra I and Geometry continue to be the most impressive indeed with fully 97 students in grades 7 & 8 scoring at either Level 4 or 5. 100% of students in these classes passed their PARCC assessments!**
- **Our Students with IEPs found great success in some areas and also helped us learn about areas where additional focus is needed.**
- **Our students with IEPs in grade 3 Math scored an amazing 83.3% on Levels 4 & 5.**

WHAT DIAGNOSTIC CONCLUSIONS CAN WE DRAW FROM THE DATA TO TARGET FURTHER GROWTH?

- **While overall growth is impressive, we need to set a higher bar at grade 3 in both ELA and Math. What implications does this have for our programmatic selections as well as the focus of our instructional and assessment strategies? How can we help to build and strengthen these achievement levels in grades K - 2?**
- **There were 71 students within 10 pts. of Level 4.**
- **Overall, the scores of our Students with IEPs were lower than we expected. How can we analyze their needs and better target the skills and knowledge they will need to be more successful on these assessments. We know how hard they and their teachers work every day!**

WHAT DIAGNOSTIC CONCLUSIONS CAN WE DRAW FROM THE DATA TO TARGET FURTHER GROWTH?

- **Math trends are more challenging to analyze as there is a disconnect in the way PARCC scores are assessed and reported and the way our Pathways to Algebra Program encompasses students from various grade levels.**
- **There were 58 students within 10 pts. of Level 4.**
- **However, our 8th grade math scores need to be analyzed for those students who are not taking Algebra I or Geometry in grade 8. What diagnostic information can we learn to help these children to become stronger math students? What are the programmatic implications? All math content areas (Reasoning, Major Content & Supporting Content) were below 50% except for Modeling at 51%.**

Special Education Interventions Based on PARCC Data

- Increase and expose our students to grade-level vocabulary with a focus on improving comprehension, including Tier 2 & 3 vocabulary.
- Increase the length of our reading selections and the reading levels for our students.(Students who are reading significantly below grade level will be provided Learning Ally, reading accommodations on the PARCC, and all students will continue with individualized Wilson reading instruction.
- Incorporate Response to Reading (RTR) in instruction. Professional Development and support across curriculum provided as program is instituted.
- Implement an additional after school program for PARCC instruction for students at BRMS and Bragg as Prep for Success.
- Continue implementation and use of IXL Math and Tenmarks at BRMS.
- Continue parent support of students with home reading program.

ELL Interventions Based on PARCC Data

- Increase and expose our students to grade-level vocabulary with a focus on improving comprehension, including Tier 2 & 3 vocabulary.
- Enroll all of our ELL students on Learning Ally.
- Incorporate Response to Reading (RTR) in instruction to improve our students' writing. Professional Development and support across curriculum provided as program is instituted.
- Implement an extended school year program for our ELL students - Camp Success.
- Ensure all of our ELL students have access to a chromebook at home particularly in grade 3-5.
- Provide math intervention through Title 1 or CAAP programs as needed.
- Continue implementation and use of ReFlex math to improve fact fluency.

DLM Interventions Based on DLM Data

- Increase and expose our students to all reading, writing, and math skills as much as possible.
- Provide students with real-life situations and hands on training in all academic areas of instruction.
- Increase community experiences to enhance and reinforce student's academic instruction in math, reading, writing, and science.
- Continue parent support of students with guidance on how they can support our students in these academic areas/real-life .
- Incorporate technology into instruction using the Smartboard, chromebook, IPAD, use of smartphone, etc.
- Teach students to use the technology above in real-life experiences.
- For our out of district students, increase our communication with placements to ensure students are being exposed to DLM instruction.

NJSLA-S RESULTS GRADES 5 & 8

NJ Student Learning Assessment for Science GRADE 5 & GRADE 8

- The New Jersey Department of Education is currently in the process of analyzing the results of last year's online field test and preparing for the 2019 implementation.
- Information regarding the 2019 assessment and testing dates will be provided as it becomes available.

2019 Assessment Schedule

Grade Level	Assessments	State Required	Dates/Window
Grades 3-8	NJSLA-ELA NJSLA-Math	Yes	May 6-17
Grade 5 and Grade 8	NJSLA-Science	Yes	May 29 and 30
Grades 3-8	<u>DLM</u>	Yes	April 3-May 24
Grades K-8	<u>ACCESS</u>	Yes	February 19-April 12