

Loester C. Noecker School

Student Achievement

2017

A Snapshot

OUR PRIMARY MISSION

Student Achievement



How has student achievement changed between 2014-15 and 2016-17?

- The majority of students have continued to make **progress** from one grade to the next as indicated by **increasing %** of students in Levels 4 & 5.
- The 2016-17 Achievement Results find us **closing the gap** within the region!

How do we use this data?

- Teachers work with administrators and grade level colleagues to examine results by standards with an eye towards refining pacing and instruction, as well as, consider individual student progress. Throughout the year, we will focus on instruction, differentiation, and the expanded use of assessments knowing that PARCC scores are only one measure.

Academic Achievement

Our Academic Achievement is measured by the % of students Meeting or Exceeding Grade Level Expectations in ELA and Mathematics on the PARCC assessment. Performance Levels were set after the first PARCC administration in 2015.

Five Performance Levels				
Level 1: Did Not Yet Meet Expectations (<i>Min. 650</i>)	Level 2: Partially Met Expectations	Level 3: Approached Expectations	Level 4: Met Expectations	Level 5: Exceeded Expectations (<i>Max. 850</i>)

Overall scores range from 650 to 850 with varying cut offs for each level (to reach Level 4 is ~750).

Achievement at Levels 4 and 5 indicate students are on track for College and Career Readiness & future content.

2017	ELA				MATH			
	Levels 1 & 2	Level 3	Levels 4 & 5	ELA Average	Levels 1 & 2	Level 3	Levels 4 & 5	Math Average
PARCC 3	18%	21%	61%	763	9%	27%	64%	762
(56)	(10)	(12)	(34)		(5)	(15)	(36)	
PARCC 4	11%	2%	87%	782	9%	17%	74%	767
(54)	(6)	(1)	(47)		(5)	(9)	(40)	
PARCC 5	7%	18%	75%	771	12%	8%	70%	768
(60)	(4)	(11)	(45)		(7)	(11)	(42)	
PARCC 6	5%	16%	78%	769	7%	24%	69%	762
(55)	(3)	(9)	(43)		(4)	(13)	(38)	

What we've noticed:

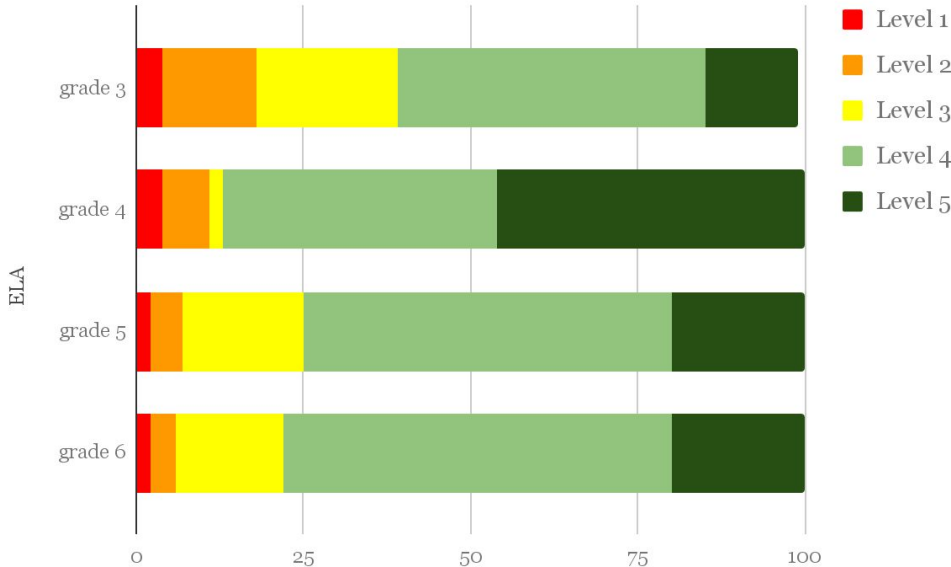
- In the last three years, student achievement in levels 4 and 5 has **risen** or remained flat in every grade level (21% growth in grade 3).

This year, we noticed:

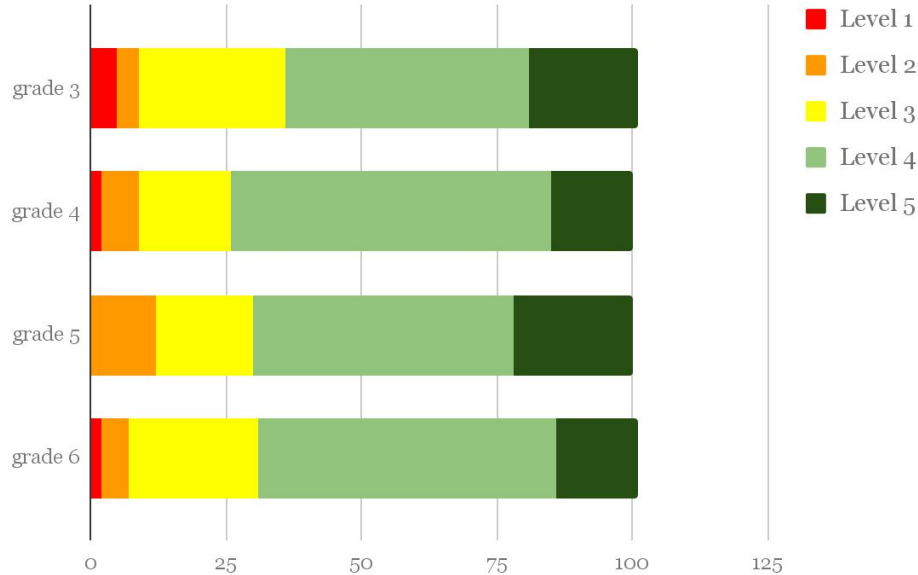
- Student **GROWTH** from their first year of PARCC (grade 3) to their second (grade 4) is **impressive!**
- The majority of students **maintain** or improve their level of achievement.
- Student Achievement has **improved** across Levels 4 & 5.
- **Writing** expression and knowledge are strong.

2017-18 Focus: Differentiation, Vocabulary, increased instructional time for reading & writing, Informational Reading (particularly Science & History in 6th).

What We're Doing: Use of Data to Determine Individual Student Needs, revised ELA Curriculum (K-6), Professional Development in Inclusion and Reading and Writing.



2017 ELA PARCC



2017 MATH PARCC

What we've noticed:

- In the last three years, student achievement in levels 4 and 5 has **risen** or remained flat in every grade level (11% growth in grade 4).

This year, we noticed:

- Students are **successful** in the Major Content of the grade levels.
- Focus of **instruction** is evident! Modelling in grades 3 and 4, Major Content in grade 5, and Reasoning in grade 6 are all strengths.
- Sixth grade continues to be a **challenging** grade level across the region & state.

2017-18 Focus: Differentiation, Supporting Content, Measurement, and Reasoning (grades 3-5); the Number System (grade 6)

What We're Doing: Use of Data to Guide Instruction, increased use of Pre- Assessments, revised Math Curriculum (K-6), Professional Development, Increased Math Support (In-Class).

Comparisons Same Sets of Students

2016 to 2017 **positive decreases & increases**

Level 4 = Meets Expectations → Level 5 = Exceeds Expectations

2016 to 2017	LA				Math			
	Levels 1-3	Level 4	Level 5		Levels 1-3	Level 4	Level 5	
2016 - grade 3	30%	67%	4%	759	30%	54%	17%	764
2017 - grade 4	13%	41%	46%	782	26%	59%	15%	767
2016 – grade 4	34%	53%	12%	753	39%	48%	12%	757
2017 - grade 5	25%	55%	20%	771	30%	48%	22%	768
2016 – grade 5	16%	69%	15%	771	23%	56%	21%	770
2017 - grade 6	22%	58%	20%	769	31%	55%	15%	762

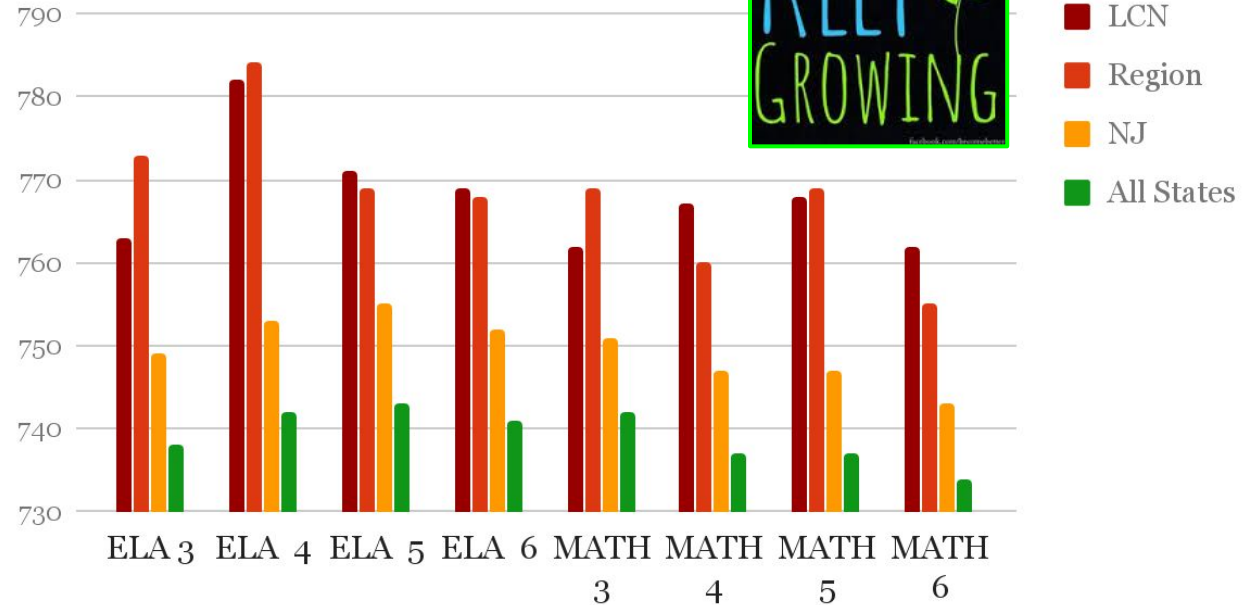
Comparisons

Region includes:

- Roseland (I)
- Essex Fells (J)
- North Caldwell (J)
- Fairfield (GH)

All States includes:

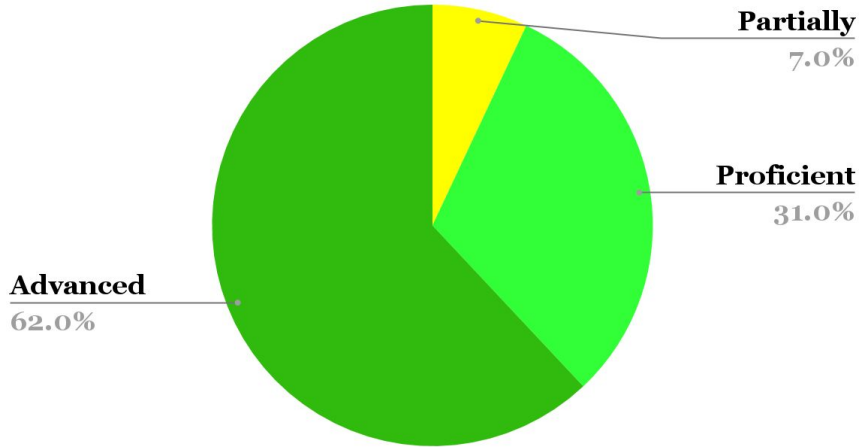
- Colorado
- District of Columbia
- Illinois
- Maryland
- New Mexico
- Rhode Island



Region, State, All PARCC States

(down from 9 to 7)

NJASK Grade 4



2017 Science NJASK

The NJASK Science Assessment has been utilized in some form since the mid-2000s; it has been very much due for revision!

New Science Assessment for 2018:

- It will be administered in **grades 5, 8, and 11** (rather than 4, 8, and Biology).
- It will be computer-based including **technology-enhanced** items (We will use existing technology).
- There will be **no accountability** for districts the first year for the new science assessments.
- The science assessment will be **aligned** to the NJ Student Learning Standards (& Next Generation Science Standards)

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Next Steps

- Supporting our **District Goals** - focusing on **ELA** through professional development in reading workshop and Words Their Way; supporting differentiation; **positivity** and good news! (**Climate Matters!**)
- **Math, Science, and Literacy Curricula** have been revised for 2017-18 including pacing and alignment with standards, resources, and teacher training;
- Expanded **use of data** to drive instruction and individual student achievement, targeted Early Literacy Support and In-Class Math Support; **Inclusive** Instruction!
- **Scheduling** Review to continually enhance and improve upon the Noecker School schedule for upcoming school years;
- Continuing to focus on **teaching and learning** for teachers and for students.