2024 Statewide Assessment Results

10/15/24

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NJSLA Tested Subjects and Grades

ELA

- Grades 3-9

Math

- Grades 3-8
- HS Algebra I, Geometry or Algebra II

Science

- Grades 5, 8, & 11

Note: As an alternate assessment, a small group of students with disabilities are administered the Dynamic Learning Maps (DLM)

NJSLA Participation

Benefits:

- One of multiple measures of student learning
- Identifies trends of student achievement (across state, district, grades and subjects)
- Highlights areas of strength to celebrate
- Provides focus areas to guide differentiation, intervention and enrichment
- Identifies areas of need or gaps to guide curriculum revisions
- Informs areas of Professional Development for staff

Participation:

ELA: 1,288 students assessed (approx 98%)

Math: 1,295 students assessed (approx 99%)

Science: 558 students assessed (approx 99%)

2024 ELA Proficiency Levels: Metuchen vs State

Grade	NJ Proficiency %	Metuchen Proficiency %	Difference
Grade 3	43.6	58.6	15.0
Grade 4	50.8	77.2	26.4
Grade 5	52.2	79.9	27.7
Grade 6	53.2	74.5	21.3
Grade 7	54.0	76.6	22.6
Grade 8	52.9	79.3	26.4
Grade 9	58.0	84.6	26.6

2024 ELA Proficiency Levels: Metuchen vs State
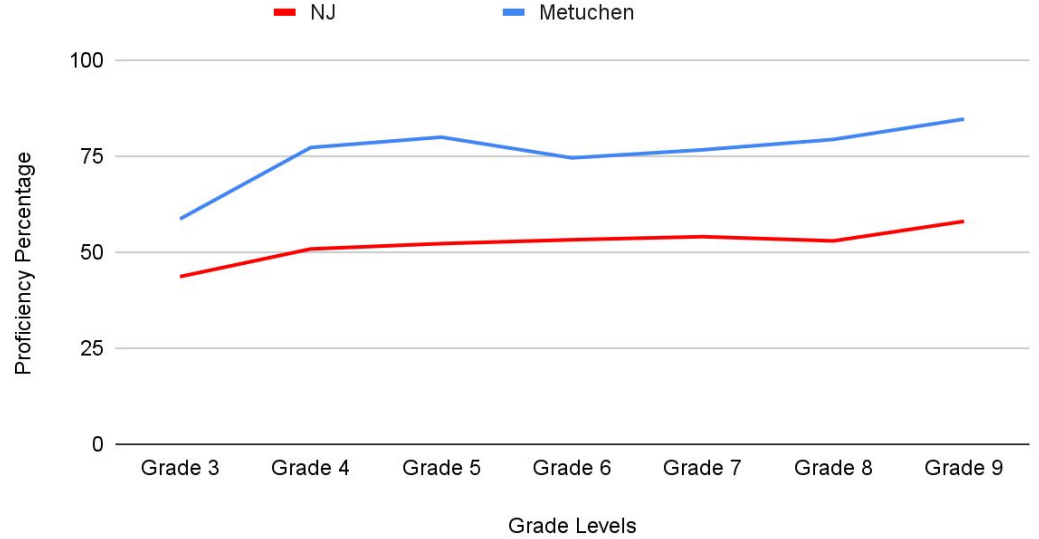
ELA Achievement and Growth

Same grade, different students

% Meeting + Exceeding

Legend: 2017-18 | 2018-19 | 2021-22 | 2022-23 | 2023-24

Chart — All Grades:
- 2017-18: 75%
- 2018-19: 80%
- 2021-22: 71%
- 2022-23: 74%
- 2023-24: 76%

ELA Achievement and Growth

Same grade, different students

% Meeting + Exceeding

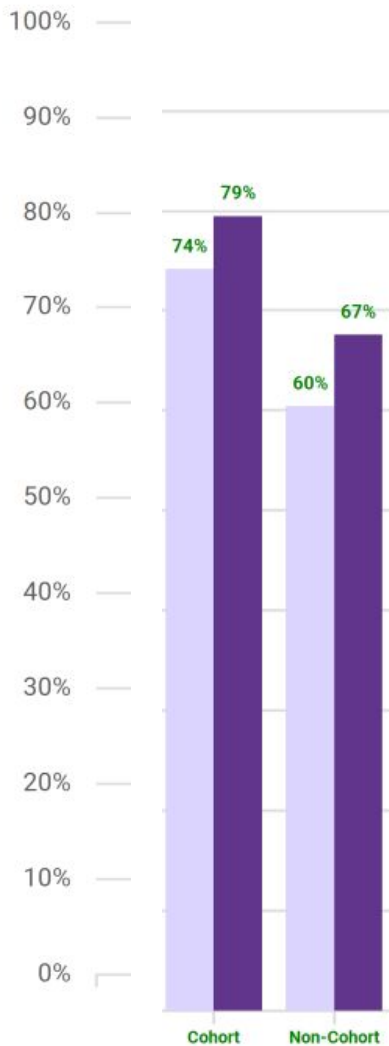|	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	All Grades
2017-18	55%	69%	85%	81%	84%	77%	72%	75%
2018-19	59%	77%	83%	88%	84%	87%	84%	80%
2021-22	56%	64%	71%	75%	71%	73%	89%	71%
2022-23	58%	76%	75%	72%	81%	75%	75%	74%
2023-24	59%	77%	80%	75%	77%	79%	85%	76%
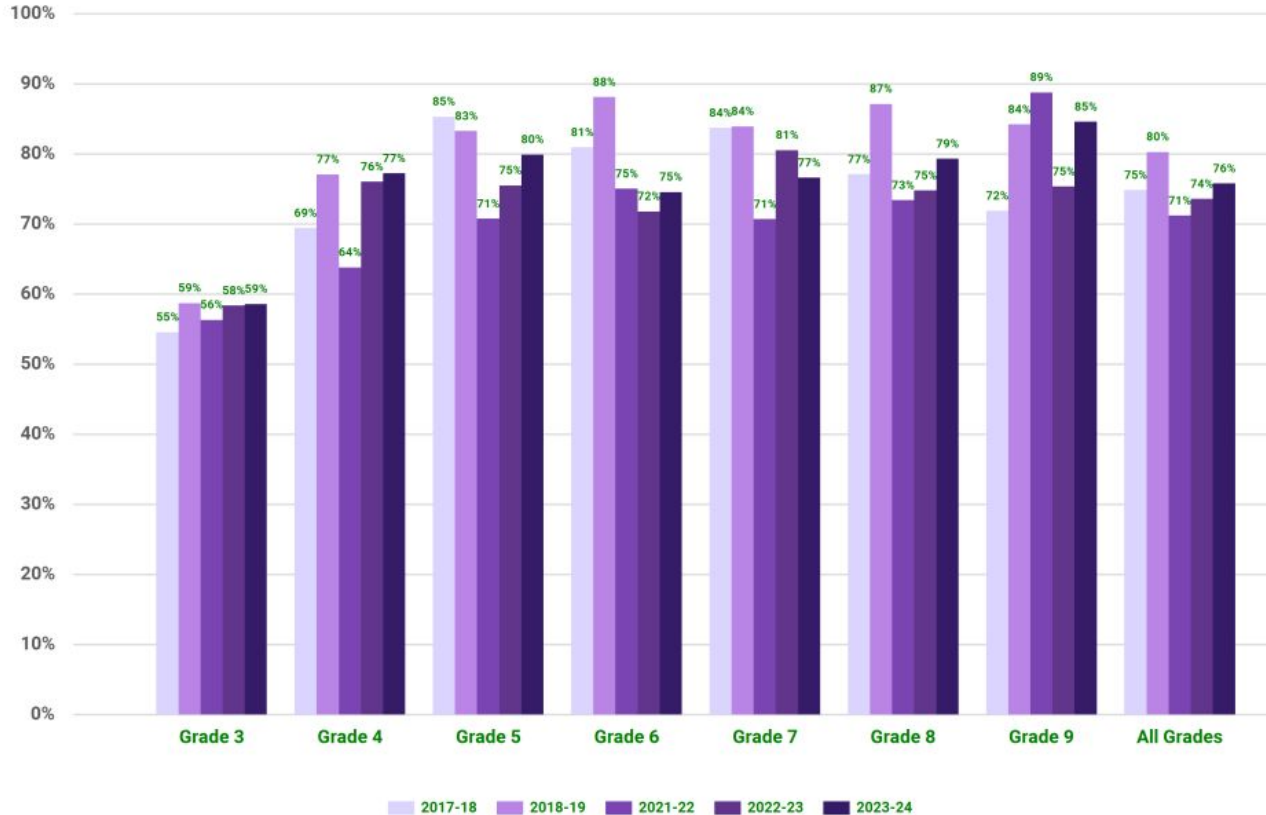
ELA Cohort Achievement and Growth

Same students, consecutive grades

% Meeting + Exceeding

■ 2022-23   ■ 2023-24

Cohort size:
1,028 in both years

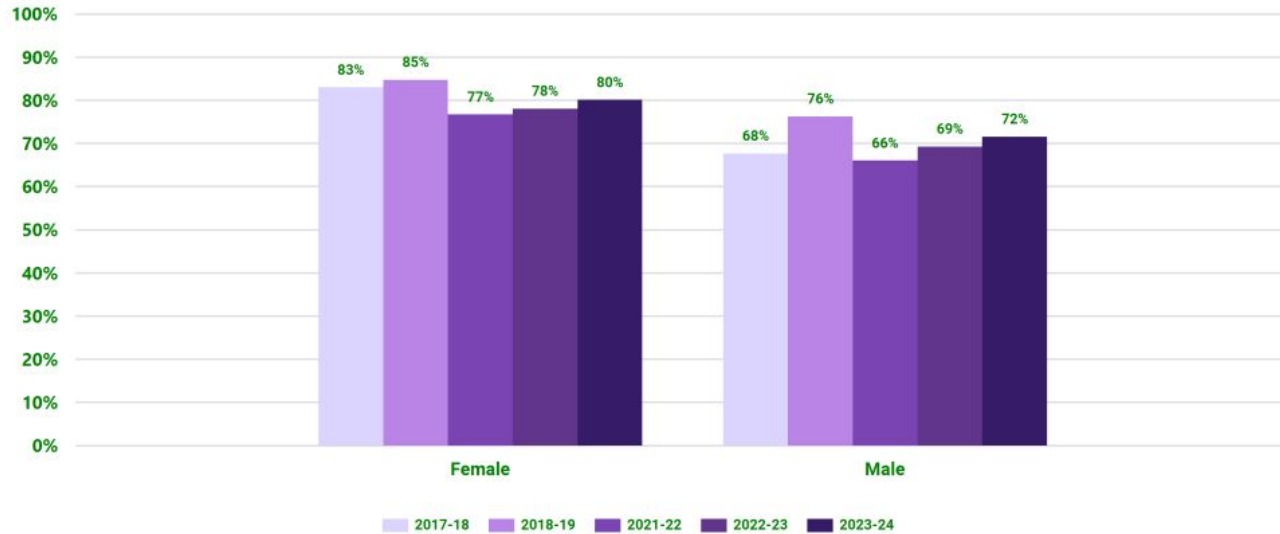Non cohort size:
58 in 22-23
83 in 23-24

	Cohort	Non-Cohort
2022-23	74%	60%
2023-24	79%	67%

Proficiency by Race

% Meeting + Exceeding (ELA All Grades)

Race	2017-18	2018-19	2021-22	2022-23	2023-24
Asian	85%	90%	85%	86%	86%
Black	48%	55%	46%	54%	67%
Hispanic	67%	70%	61%	59%	60%
Multiple	80%	88%	78%	74%	80%
White	74%	80%	68%	71%	74%

Proficiency by Gender

% Meeting + Exceeding (ELA All Grades)

Bar chart showing ELA proficiency percentages by gender and school year.

Female: 2017-18: 83%, 2018-19: 85%, 2021-22: 77%, 2022-23: 78%, 2023-24: 80%

Male: 2017-18: 68%, 2018-19: 76%, 2021-22: 66%, 2022-23: 69%, 2023-24: 72%

Legend: 2017-18, 2018-19, 2021-22, 2022-23, 2023-24

Proficiency by Program

% Meeting + Exceeding (ELA All Grades)

Bar chart showing percent meeting + exceeding for ELA across programs by year.

Program	2017-18	2018-19	2021-22	2022-23	2023-24
ELL			29%	26%	32%
F/R Lunch	51%	60%	41%	45%	54%
Section 504	77%	75%	67%	65%	72%
SpecEd	32%	39%	32%	30%	33%
GenEd	83%	88%	79%	82%	85%

Legend: 2017-18, 2018-19, 2021-22, 2022-23, 2023-24

2024 Math Proficiency Levels: Metuchen vs State

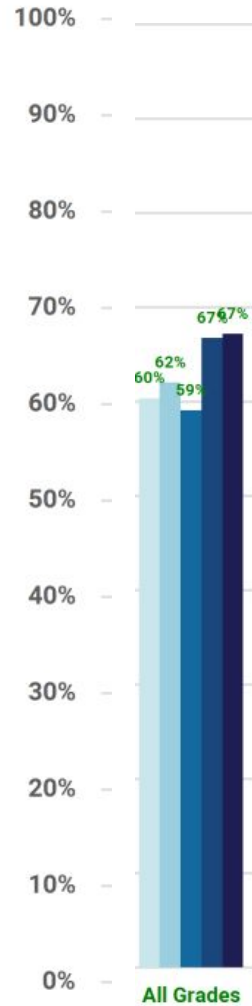| Grade	NJ Proficiency %	Metuchen Proficiency %	Difference
Grade 3	47.5	67.9	20.4
Grade 4	44.9	67.2	22.3
Grade 5	40.2	69.9	29.7
Grade 6	36.2	67.8	31.6
Grade 7	37.5	57.3	19.8
Grade 8	19.5	48.2	28.7
Alg 1 (EMS)	39.5	97.4	57.9
Geo (EMS)	49.0	100.0	51.0
Alg I (MHS)	39.5	42.7	3.2
Alg II (MHS)	58.9	90.0	31.1
Geo (MHS)	49.0	88.1	39.1
Alg 1 (ALL)	39.5	67.9	28.4
Geo (ALL)	40.0	92.2	52.2

2024 Math Proficiency Levels: Metuchen vs State
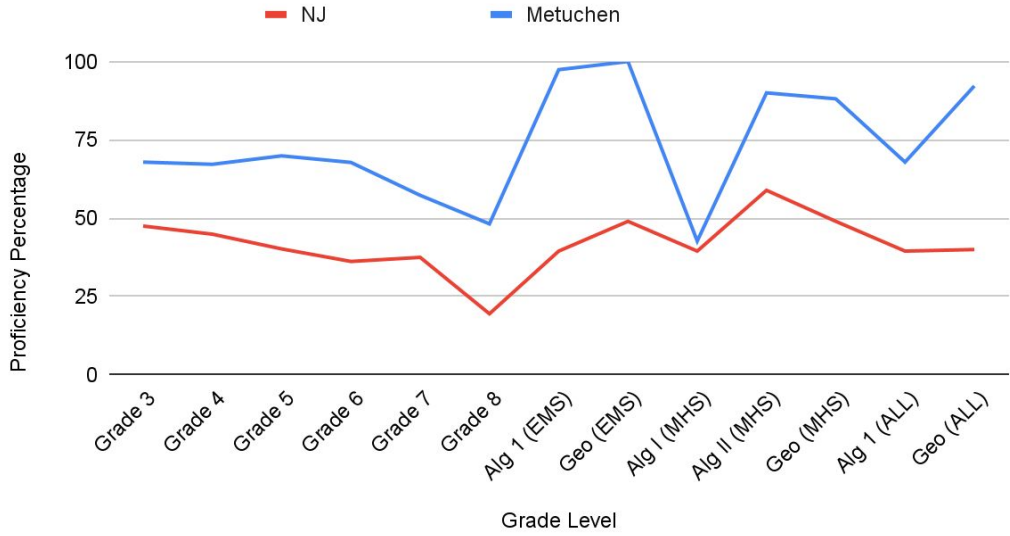
Math Achievement and Growth

Same grade, different students

% Meeting + Exceeding

| 2017-18 | 2018-19 | 2021-22 | 2022-23 | 2023-24 |

Chart values for All Grades: 60%, 62%, 59%, 67%, 67%

Math Achievement and Growth

Same grade, different students

% Meeting + Exceeding

	2017-18	2018-19	2021-22	2022-23	2023-24
Grade 3	68%	62%	64%	70%	68%
Grade 4	64%	64%	61%	70%	67%
Grade 5	68%	75%	59%	75%	70%
Grade 6	56%	62%	56%	63%	68%
Grade 7	70%	59%	59%	58%	57%
Grade 8	21%	34%	20%	44%	48%
Alg I (MS)	97%	92%	89%	89%	97%
Alg I (HS)	49%	20%	35%	35%	43%
Geo (MS)	100%	100%	100%	100%	100%
Geo (HS)	48%	48%	68%	83%	88%
Alg II (HS)	44%	77%	100%	100%	90%
All Grades	60%	62%	59%	67%	67%

Math Cohort Achievement and Growth

Same students, consecutive grades

% Meeting + Exceeding

2022-23   2023-24

Cohort size:
1,034 in both years
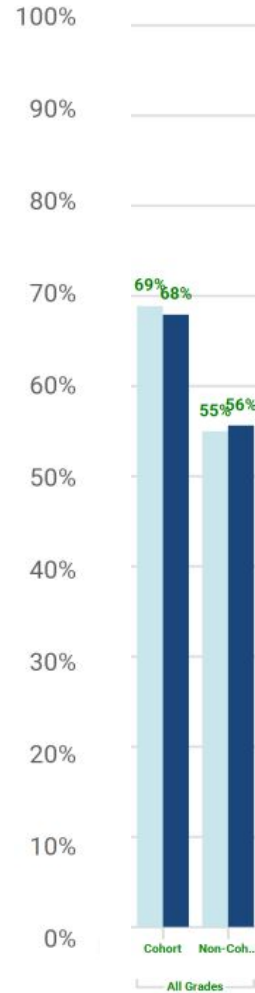
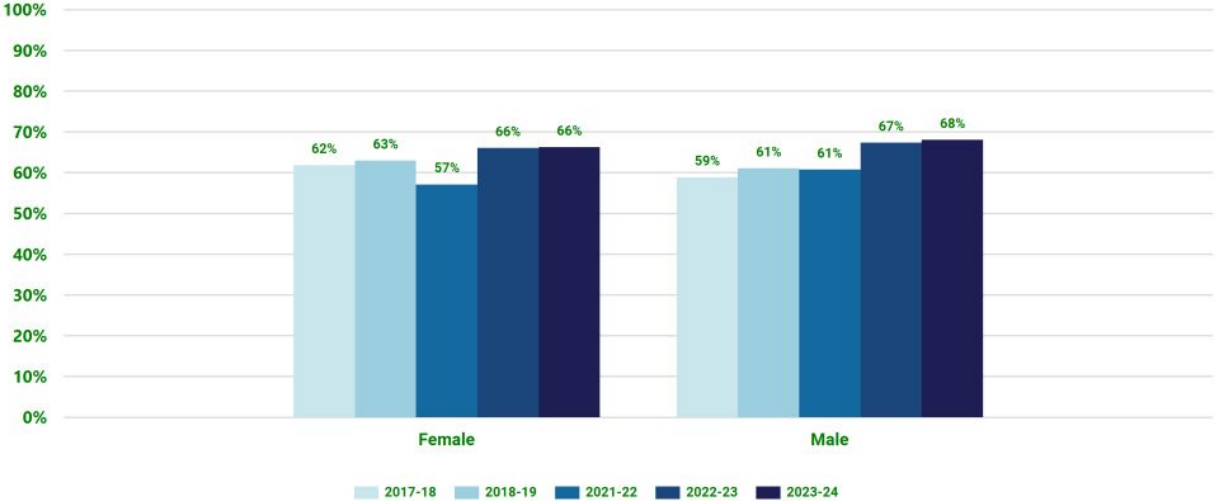Non cohort size:
71 in 22-23
81 in 23-24

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

69% 68%

55% 56%
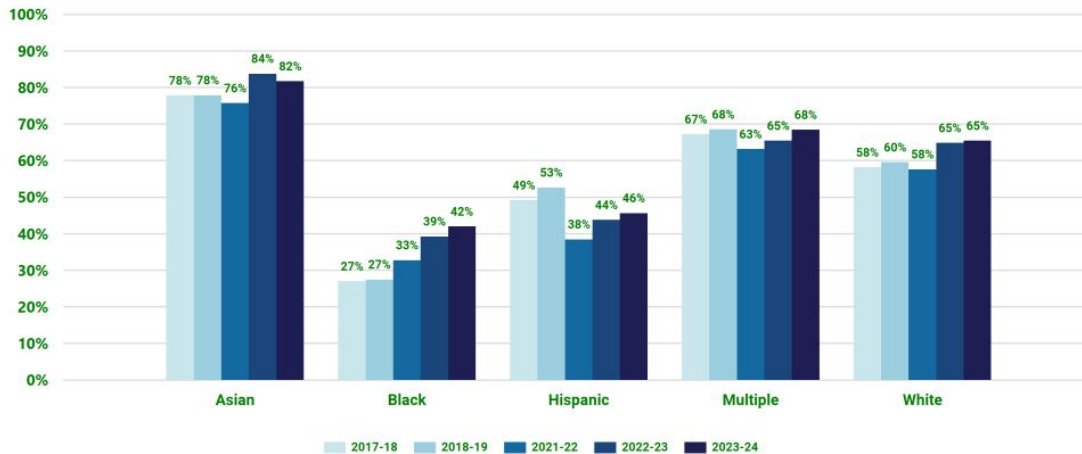
Cohort   Non-Coh...

All Grades

Proficiency by Race
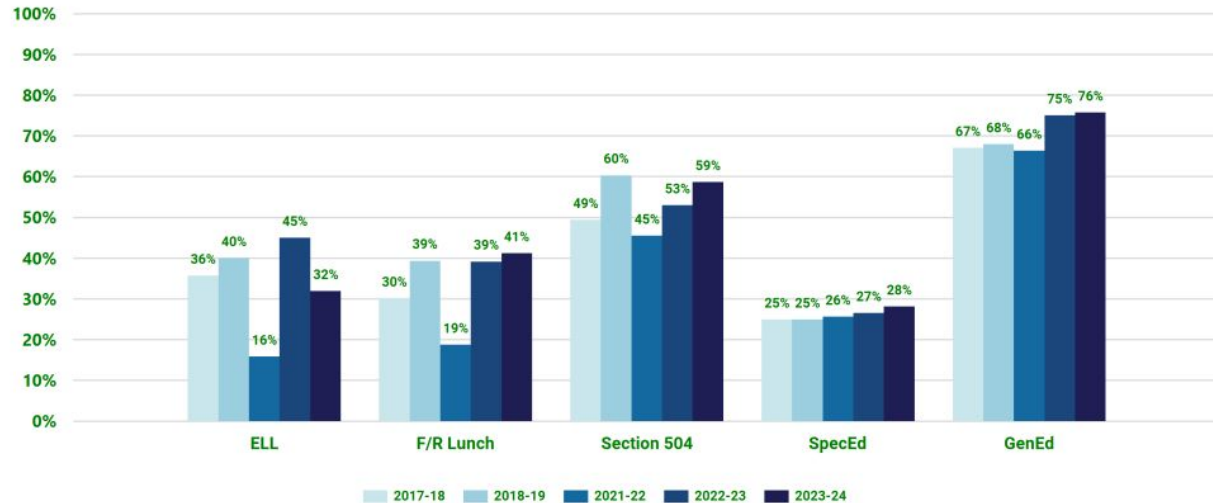
% Meeting + Exceeding (Math All Grades)

Legend: 2017-18 | 2018-19 | 2021-22 | 2022-23 | 2023-24

Asian: 78%, 78%, 76%, 84%, 82%
Black: 27%, 27%, 33%, 39%, 42%
Hispanic: 49%, 53%, 38%, 44%, 46%
Multiple: 67%, 68%, 63%, 65%, 68%
White: 58%, 60%, 58%, 65%, 65%

Proficiency by Gender

% Meeting + Exceeding (Math All Grades)

Legend: 2017-18, 2018-19, 2021-22, 2022-23, 2023-24

Female: 62%, 63%, 57%, 66%, 66%

Male: 59%, 61%, 61%, 67%, 68%

Proficiency by Program

% Meeting + Exceeding (Math All Grades)

Program	2017-18	2018-19	2021-22	2022-23	2023-24
ELL	36%	40%	16%	45%	32%
F/R Lunch	30%	39%	19%	39%	41%
Section 504	49%	60%	45%	53%	59%
SpecEd	25%	25%	26%	27%	28%
GenEd	67%	68%	66%	75%	76%

2024 Science Proficiency Levels: Metuchen vs State			
Grade	**NJ Proficiency %**	**Metuchen Proficiency %**	**Difference**
Grade 5	27.6	52.4	24.8
Grade 8	18.8	46.7	27.9
Grade 11	28.1	51.2	23.1

2024 Science Proficiency Levels: Metuchen vs State
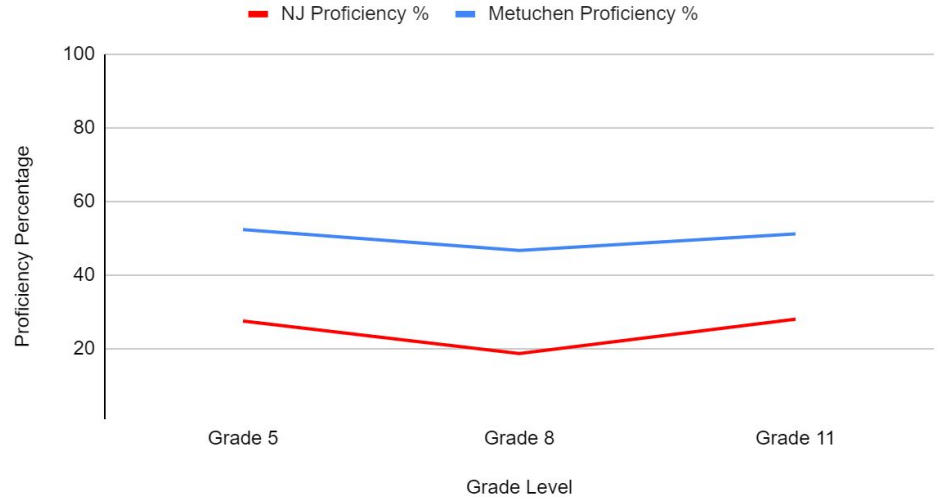
Science Achievement and Growth

Same grade, different students

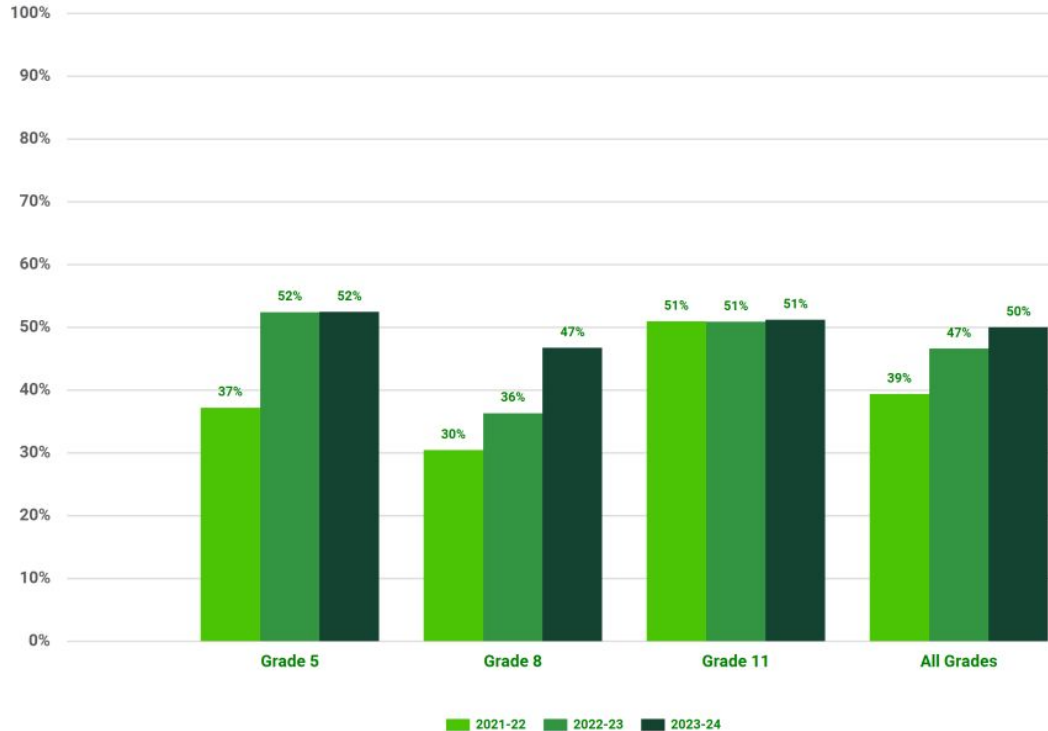**% Proficient + Advanced Proficiency**

2021-22   2022-23   2023-24

- 100%
- 90%
- 80%
- 70%
- 60%
- 50%
- 40%
- 30%
- 20%
- 10%
- 0%
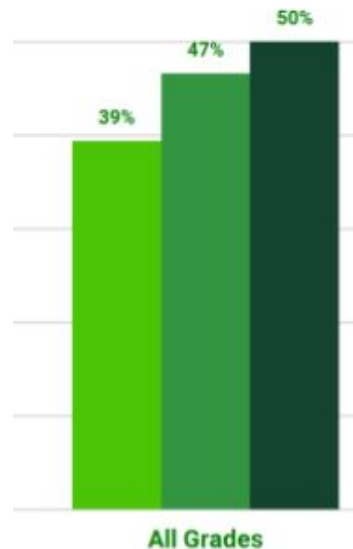
39%   47%   50%

All Grades

Science Achievement and Growth

Same grade, different students

% Proficient + Advanced Proficiency

	Grade 5	Grade 8	Grade 11	All Grades
2021-22	37%	30%	51%	39%
2022-23	52%	36%	51%	47%
2023-24	52%	47%	51%	50%

Proficiency by Race

% Proficient + Advanced Proficiency (Science All Grades)

Race	2021-22	2022-23	2023-24
Asian	54%	62%	65%
Black	21%	33%	33%
Hispanic	28%	17%	36%
Multiple	37%	58%	57%
White	38%	45%	46%

Proficiency by Program

% Proficient + Advanced Proficiency (Science All Grades)

	ELL	F/R Lunch	Section 504	SpecEd	GenEd
2021-22		12%	37%	6%	45%
2022-23			46%	19%	52%
2023-24	23%	33%	41%	19%	57%
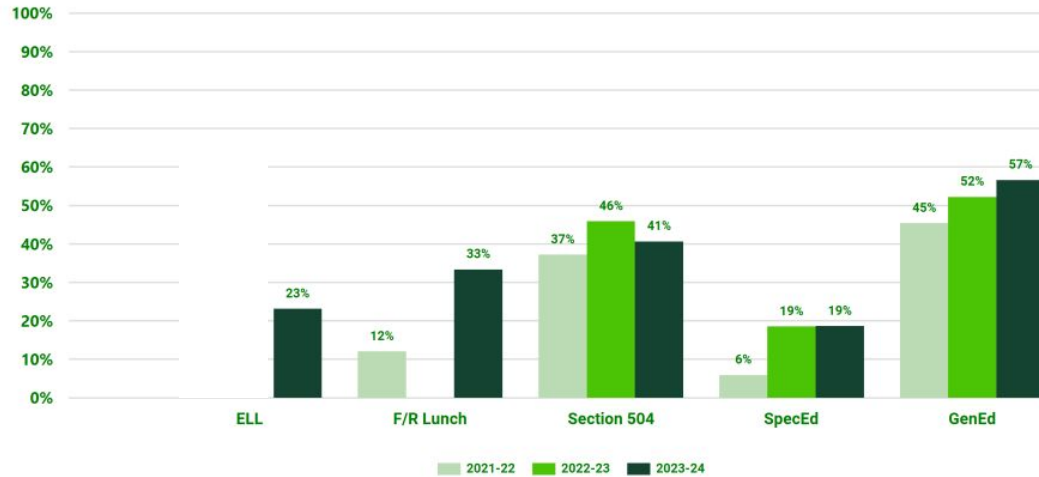
Campbell ELA Analysis

3rd & 4th:

- Continuing to outperform the State

- Scoring 10-27% above State averages on every domain

- Achievement is at or above pre-pandemic levels

Campbell ELA Next Steps and Interventions

- Engaging Teachers
- Engaging Families
- Curricular Implementation/Support

Campbell Math Analysis

3rd - 4th

- Continuing to outperform the State

- Scoring 17-28% above State averages on every domain

- Achievement is at or above pre-pandemic levels

Campbell Math Next Steps and Interventions

- Engaging Teachers
- Engaging Families
- Curricular Implementation/Support

Edgar ELA Analysis

5th:

- Continuing to outperform the State

- Scoring 20-32% above State averages on every domain

- Achievement is at or above pre-pandemic levels

Edgar ELA Analysis

6th – 8th:

- Continuing to Outperform the State in each Grade Level
- Scoring 16–25% Higher on Every Domain
- 8th Grade has the largest margin between All Grades

Edgar ELA Next Steps and Interventions

- Data meetings
- Classroom instruction
  - Small group instruction focusing on point of view and compare and contrast in literature
- Ongoing Professional Development
- Curriculum Implementation and Support

Edgar Math Analysis

5th:

- Continuing to outperform the State

- Scoring 25-33% above State averages on every domain

- Achievement is at or above pre-pandemic levels

Edgar Math Analysis

6th-8th:

- Continuing to outperform the State in the number of students meeting/exceeding expectations in each course

- Outperformed the State on every test item in grades 6, 8, and Algebra 1

- Percentage of students meeting/exceeding expectations above the State across all domains for all courses

- Focus on the major, supporting and additional content of the grade and reasoning and modeling, as appropriate

Edgar Science Analysis

5th

- Continuing to outperform the State
- Scoring 11-14% above State averages on every domain

Edgar Science Analysis

8th:

- Outperformed the State in each domain and practice category

- 0-9% increase in students scoring above expectations in each domain and practice category from 2023 to 2024

- Strongest practice category: Critiquing practices

- Focus area for 2025: Investigating practices

Edgar Math and Science Next Steps and Interventions

- Data dive meetings with teachers following benchmark administrations **(math)**

- Standardized testing data analysis to identify strengths and address identified gaps in student performance

- Integration of practice test items

- Implementation of new curricula in all courses

- Regular opportunities for curriculum articulation

- Expand instructional strategies being used through professional development

- Focus on discourse and maximizing instructional time to enhance student engagement and understanding

MHS ELA Analysis

9th:

- Continuing to Outperform the State at this grade level

- Scoring 20-26% higher on every domain

- Exceeding pre-pandemic numbers in all areas

MHS ELA Next Steps and Interventions

- Data meetings
  - NJSLA Data
  - LinkIt Data

- Small group classroom instruction
  - Focus on student discourse in two areas:
    - Reading Literature – central theme and character analysis.
    - Vocabulary – using context to construct meaning of unknown vocabulary words.

- Ongoing Professional Development
  - National Writing Project

- Curriculum Implementation and Support

MHS Math Analysis

9th:

- Continuing to outperform the State in percentage of students meeting/exceeding expectations in each course

- Percentage of students meeting/exceeding expectations above the State in the major content and supporting content in Algebra 1

- Percentage of students meeting/exceeding expectations above the State in the major content and supporting content, as well as modeling and reasoning in Geometry and Algebra 2

- Modeling and reasoning integrated into instruction

MHS Science Analysis

11th:

- Outperformed the State in each domain and practice category

- 0-8% increase in students scoring above expectations in Life Science, Physical Science, Investigating practices, and Critiquing practices from 2023 to 2024

- Strongest practice category: Investigating practices

- Focus area for 2025: Sensemaking practices

MHS Math and Science Next Steps and Interventions

- Math Data Analysis
  - NJSLA Department Meetings
  - LinkIt Benchmark Analysis Meetings (September, January, March)
- Science Data Analysis
  - Evidence Statement Item Analysis
  - Identification of Areas of Proficiency
  - Identification of Target Areas
- Examination & Integration of Test Items to Support Student Application of Targeted Skills
  - Facilitated through embedded opportunities for discourse in the Workshop Instructional Approach
  - Integrated within teacher-made assessments
- Engagement in Curriculum
  - Implementation of new course curricula
  - Articulation opportunities throughout the year
  - Ongoing integration of instructional enhancements
- Professional Development
  - Instructional Strategy Best Practices
  - Focus student engagement & understanding through opportunities for student discourse
  - Leveraging ways to maximize instructional time

Dynamic Learning Maps

Grades: 3-8, and 11

Subjects: ELA, Math, & Science

Format: Online, adaptive, and administered in a 1:1 setting

Participation Criteria:
- Significant cognitive disability
- Primary instruction based on modified content standards (DLM Essential Elements)
- Extensive individualized instruction and substantially adapted materials

Scoring: Emerging, Approaching the Target, At Target and Advanced

7 Students participated in Spring 2024