



2022 MCAS Report


January 12, 2023



Dr. Kelly Clenchy, Superintendent
Mrs. Elizabeth Steele, Director of Teaching and Learning
Dr. John Harrington, Principal, Littleton High School
Mr. Keith Comeau, Assistant Principal, Littleton High School
Mr. Jason Everhart, Principal, Littleton Middle School
Mr. Matt LeVangie, Assistant Principal, Littleton Middle School
Mrs. Cheryl Temple, Principal, Russell Street School
Mrs. Andrea Romano, Assistant Principal, Russell Street School

Tonight's Presentation:

- Pertinent Information MCAS 2022
- Littleton High School
 - 2022 MCAS Results and Next Steps
- Littleton Middle School
 - 2022 MCAS Results and Next Steps
- Russell Street School
 - 2022 MCAS Results and Next Steps



Student Assessment Update



Pertinent Information - MCAS 2022

2022 school year was the first full MCAS administration for grades 3–8 since 2019.
Grade 10 students in 2022 had not taken an MCAS test since 2019 (grade 7).

Year	Grades 3-8	Grade 10
2019	Full test administration	Full test administration
2020	No tests administered	No tests administered
2021	Half-test administered	Full test administered
2022	Full test administered	Full test administered

**Littleton High School
Spring 2022 MCAS Results**

Grade 10 ELA

SGP: 55.1 (Typical)

Meeting or Exceeding: 85%

- Compared to PY = +1%

SGP (IEP / 504): 50.1 (Typical)

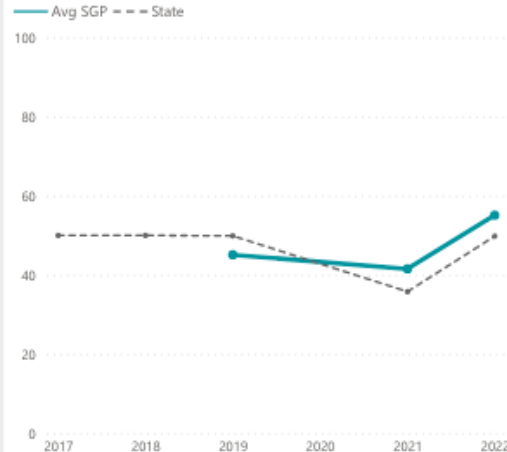
Meeting or Exceeding (IEP/504): 58%

- Compared to PY = -16%

% Proficient
85.0% Compared to PY **1%** Compared to State **44%**

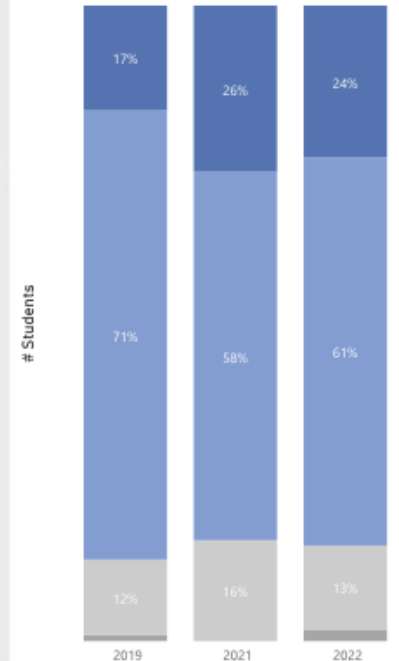
Avg SGP
55.1 Compared to PY **14** Compared to State **5**

Results by Year for Avg SGP



Student Performance by Year

● Not Meet... ● Partially M... ● Meeting Ex... ● Exceedin...



Grade 10 Math

SGP: 57.5 (Typical)

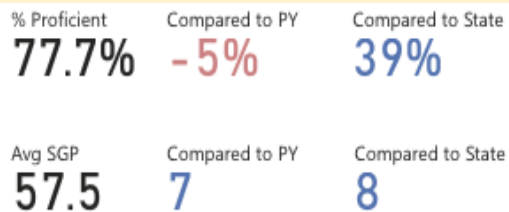
Meeting or Exceeding: 78%

- Compared to PY = -5%

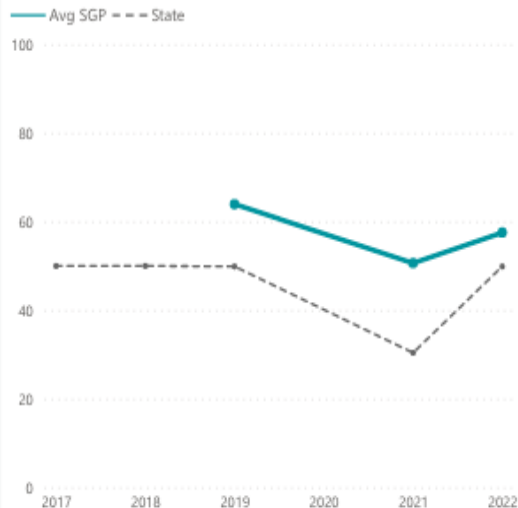
SGP (IEP / 504): 50.1 (Typical)

Meeting or Exceeding (IEP/504): 40%

- Compared to PY = -8%

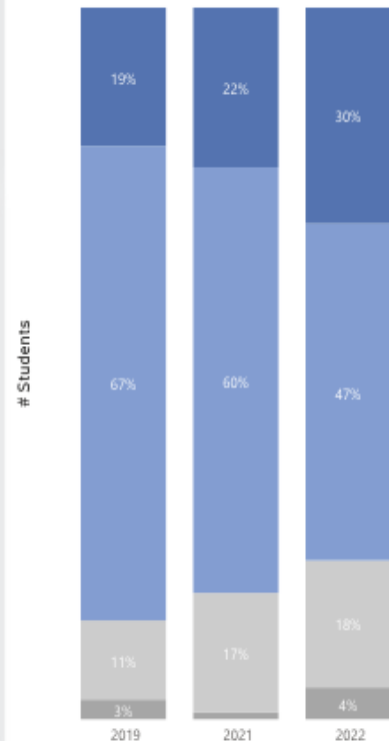


Results by Year for Avg SGP



Student Performance by Year

● Not Meeti... ● Partially M... ● Meeting Ex... ● Exceedin...



Grade 9 Biology

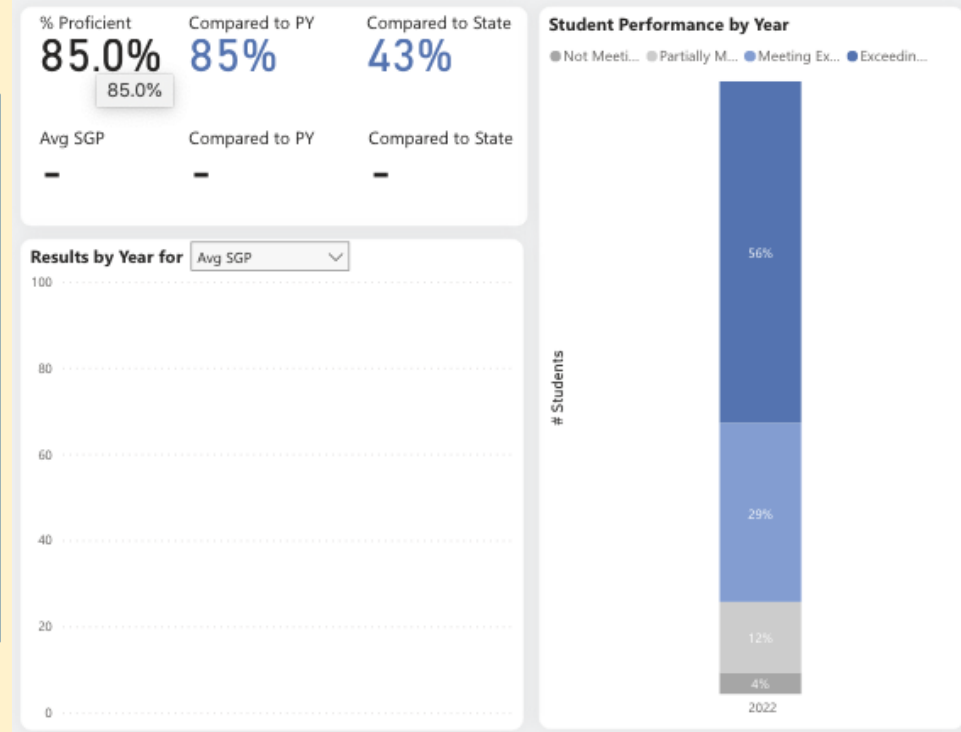
First year of Next Gen

SGP: N/A

Meeting or Exceeding: 85%

SGP (IEP / 504): N/A

Meeting or Exceeding (IEP/504): 54%



LHS Impressions

Strengths:

- 30% Exceeding expectations in Math, which was higher than 2019 & 2021
- 85% Meeting or Exceeding expectations in ELA
- 85% Meeting or Exceeding expectations in Science
- 56% Scored Advanced in Science using Legacy MCAS scale
- 55 SGP in ELA- Typical Growth
- 58 SGP in Math- Typical Growth

Challenges:

- Continue to assist students who did not meet or partially meet expectations with developing skills and proficiency
- Post Covid, some students writing skills are developing more slowly than preferred
- Overall- Continue Early Intervention in 9th and 10th grades to assist attendance and provide academic support

LHS Next Steps

- **Continue to provide structures and routines that help to support student academic and behavior expectations. Make instructional adjustments as needed.**
- **ELA teachers are frequently studying the prompts, rubrics, and student work to make adjustments**
- **ELA teachers are emphasizing that essays need to directly address the essay question**
 - **Standardized for each writing type**
 - **Direct instruction for what students should include in their essay responses**
 - **Essay responses must be written in the correct mode being asked for in the question: Opinion; Informative/Explanatory; Narrative**
 - **Length of essay response should be multiple paragraphs**
- **Math teachers are providing students with more opportunities to review and practice MCAS problems that they may have struggled with**
 - **Math teachers are rearranging some of the units at the end of CP Geometry to try to teach as many essential concepts as possible before the MCAS in May**
 - **Continue to have students practice math on the computer (ALEKS)**
- **Follow up with students in Class of 2023 and Class of 2024 who need Educational Proficiency Plans (EPPs) for Math & ELA**

**Littleton Middle School
Spring 2022 MCAS Results**

Grade 6 ELA

SGP: 55.0 points (Typical)

Meeting or Exceeding: 58%

- **Compared to PY: -5%**

SGP (IEP/504): 58.2 (Typical)

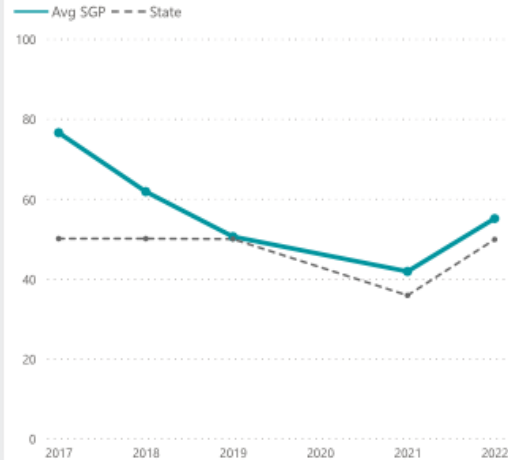
Meeting or Exceeding(IEP/504): 39%

- **Compared to PY: +10%**

% Proficient **58.1%** Compared to PY **-5%** Compared to State **17%**

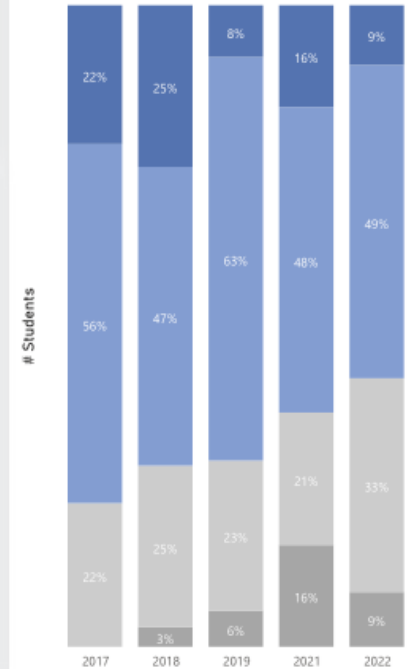
Avg SGP **55.0** Compared to PY **13** Compared to State **5**

Results by Year for Avg SGP



Student Performance by Year

● Not Meet... ● Partially M... ● Meeting Ex... ● Exceeding ...



Grade 6 Math

SGP: 33.7 (Low)

Meeting or Exceeding: 42%

- Compared to PY: -9%

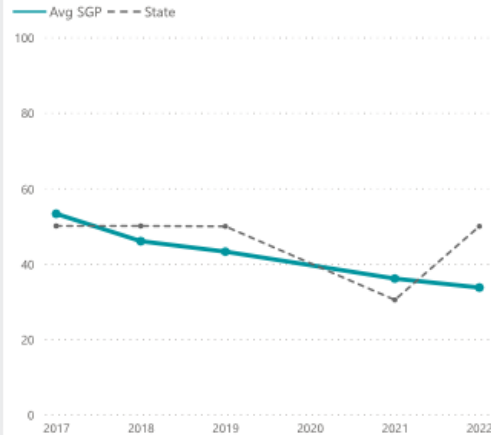
SGP (IEP/504): 40.0 (Typical)

Meeting or Exceeding (IEP/504): 26%

- Compared to PY: +4%

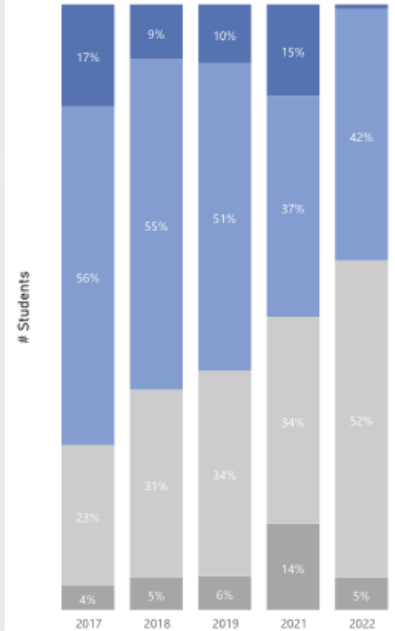


Results by Year for Avg SGP



Student Performance by Year

● Not Meeti... ● Partially M... ● Meeting Ex... ● Exceeding ...



Grade 7 ELA

SGP: 52.3 (Typical)

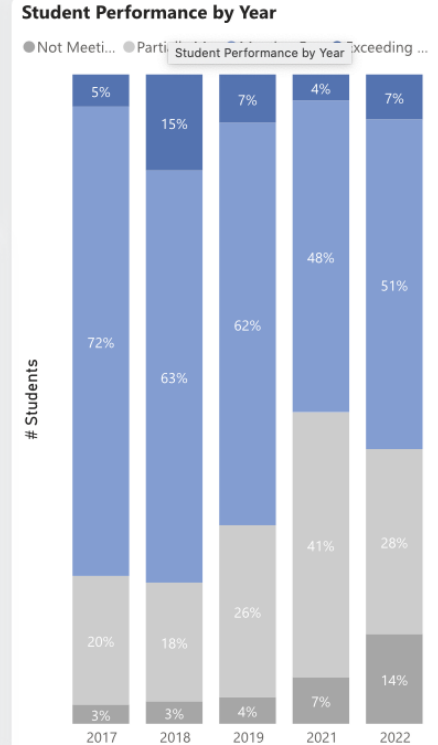
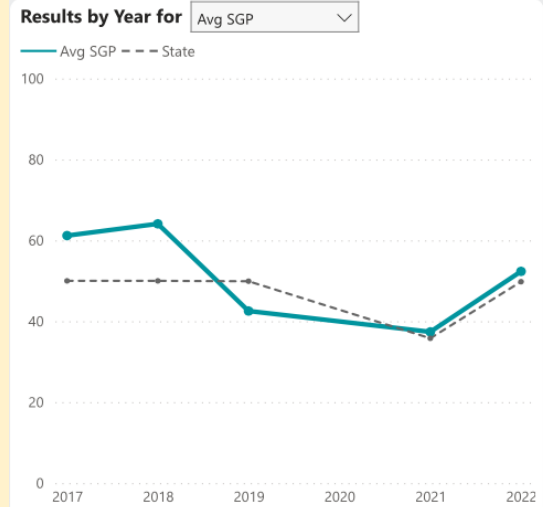
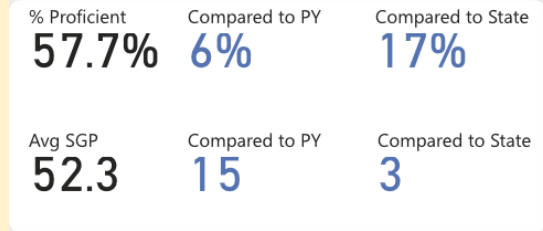
Meeting or Exceeding: 58%

- **Compared to PY: +6%**

SGP (IEP/504): 42.3 (Typical)

Meeting or Exceeding (IEP/504): 17%

- **Compared to PY: -3%**



Grade 7 Math

SGP: 54.3 (Typical)

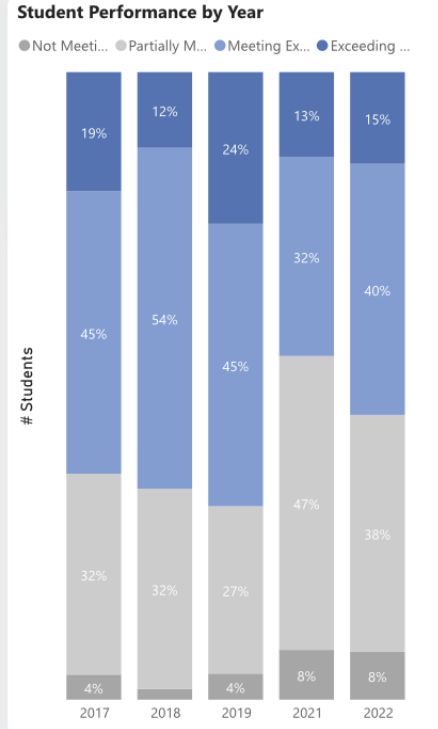
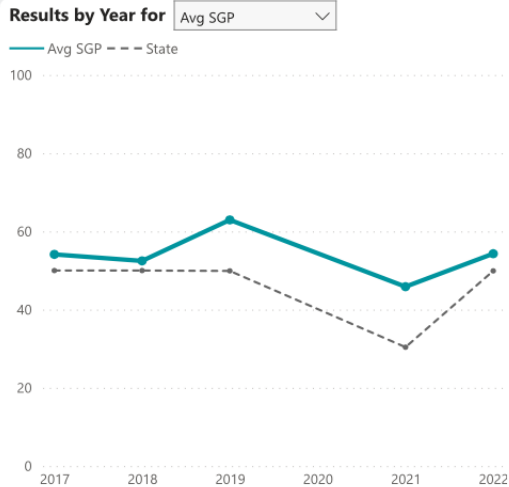
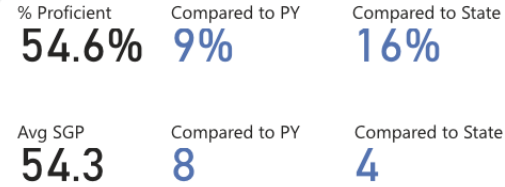
Meeting or Exceeding: 55%

- **Compared to PY: +9%**

SGP (IEP/504): 48.1 (Typical)

Meeting or Exceeding (IEP/504): 14%

- **Compared to PY: -9%**



Grade 8 ELA

SGP: 51.7 (Typical)

Meeting or Exceeding: 53%

- **Compared to PY: -4%**

SGP (IEP/504): 41.1 (Typical)

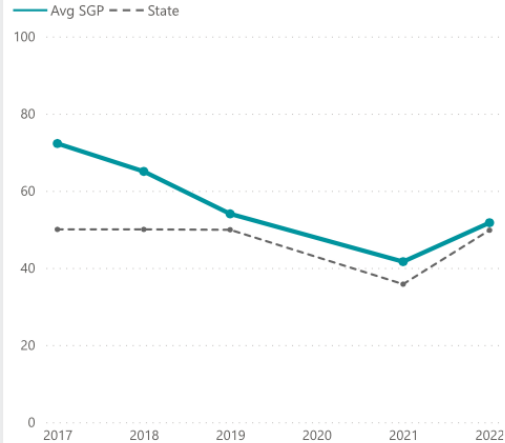
Meeting or Exceeding (IEP/504): 25%

- **Compared to PY: +1%**

% Proficient
53.4% Compared to PY: **-4%** Compared to State: **12%**

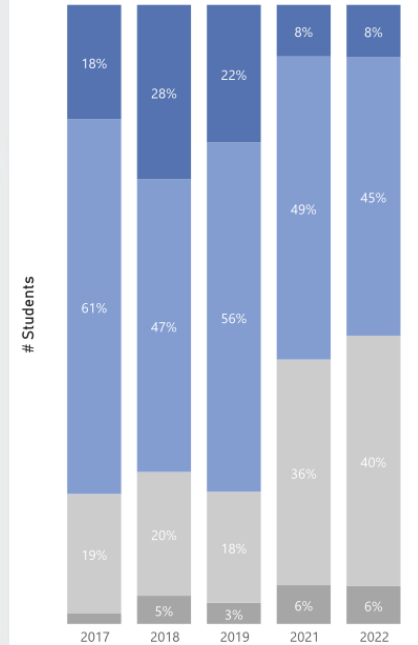
Avg SGP
51.7 Compared to PY: **10** Compared to State: **2**

Results by Year for Avg SGP



Student Performance by Year

● Not Meeti... ● Partially M... ● Meeting Ex... ● Exceeding ...



Grade 8 Math

SGP: 51.3 (Typical)

Meeting or Exceeding: 46%

- Compared to PY: +6%

SGP (IEP/504): 50.3 (Typical)

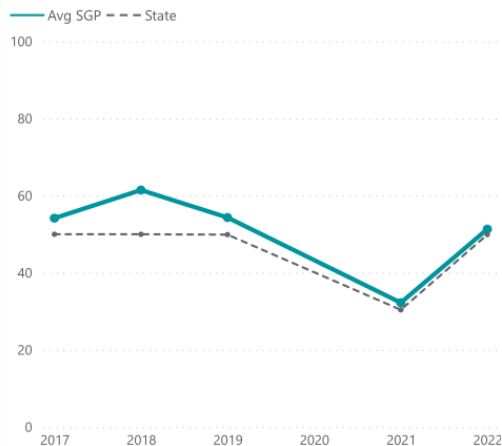
Meeting or Exceeding(IEP/504): 22%

- Compared to PY: +18%

% Proficient
46.2% Compared to PY **6%** Compared to State **7%**

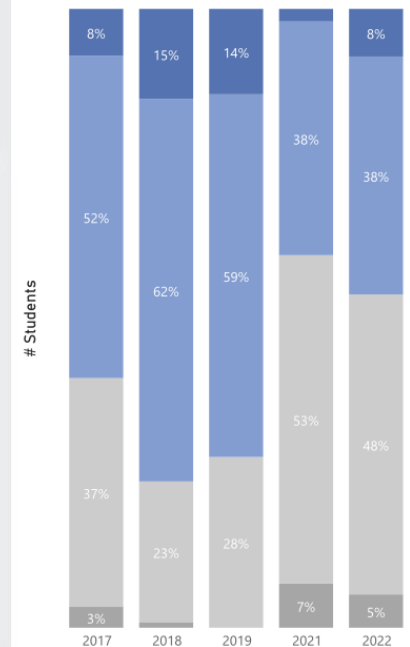
Avg SGP
51.3 Compared to PY **19** Compared to State **1**

Results by Year for Avg SGP



Student Performance by Year

● Not Meeti... ● Partially M... ● Meeting Ex... ● Exceeding ...



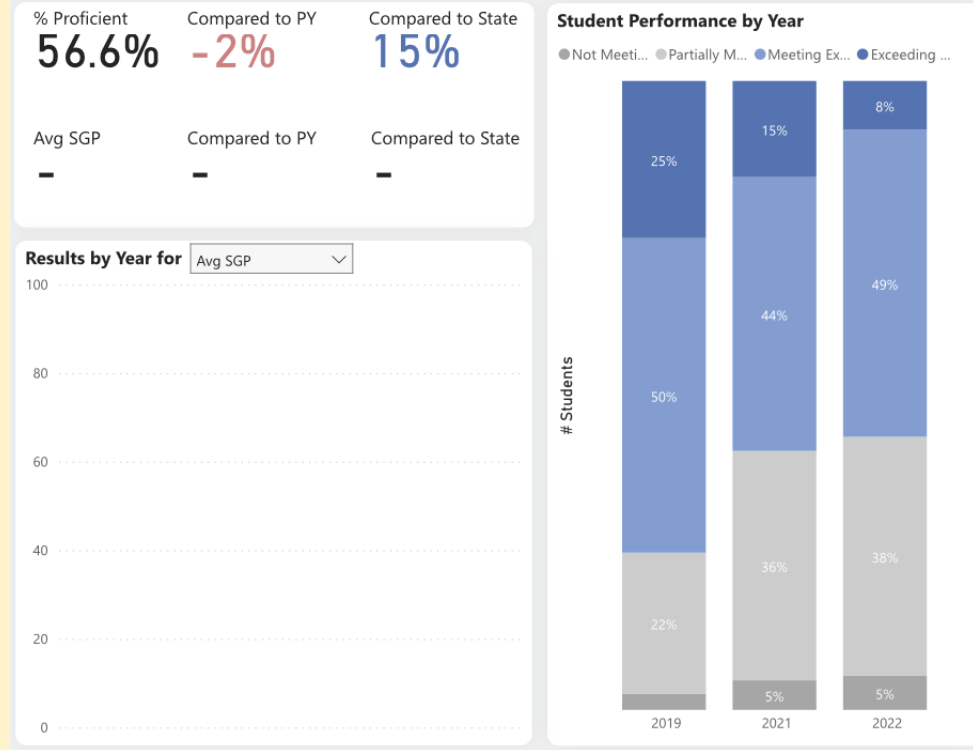
Grade 8 Science & Technology

Meeting or Exceeding: 57%

- Compared to PY: -2%

Meeting or Exceeding (IEP/504): 33%

- Compared to PY: +13%



LMS Impressions

Strengths:

- Larger than average gains likely due to increased stability during the 2021-2022 school year. There were a number of positions impacted during the 2020-2021 school year (leaves, vacancies, etc...).
- Higher percentage of students moved from Meeting Expectations to Exceeding Expectations in Grade 7 ELA and Math, Grade 8 Math.

Challenges:

- Higher rates of absences, tardies and dismissals (ATDs) led to time on learning loss for students.
- Grade 6 Math: three different math teachers in 2021-2022.
- 88 students on 504/IEPs took the math test
 - 21% scored in the Meeting Expectations range
 - 58% scored in the Partially Meeting Expectations range

LMS Next Steps

- 1. Continue to provide structures and routines that help to support student academic and behavior expectations.**
- 2. Continue to address social-emotional concerns among students and staff.**
- 3. Continue to review content for relevancy, engagement, and critical thinking.**
- 4. Reimagine our Tier 2 supports (Math Lab, Literacy Lab, Academic Support Center) through a more data driven approach to intervention.**

Russell Street School
Spring 2022 MCAS Results

Grade 3 ELA

SGP: N/A

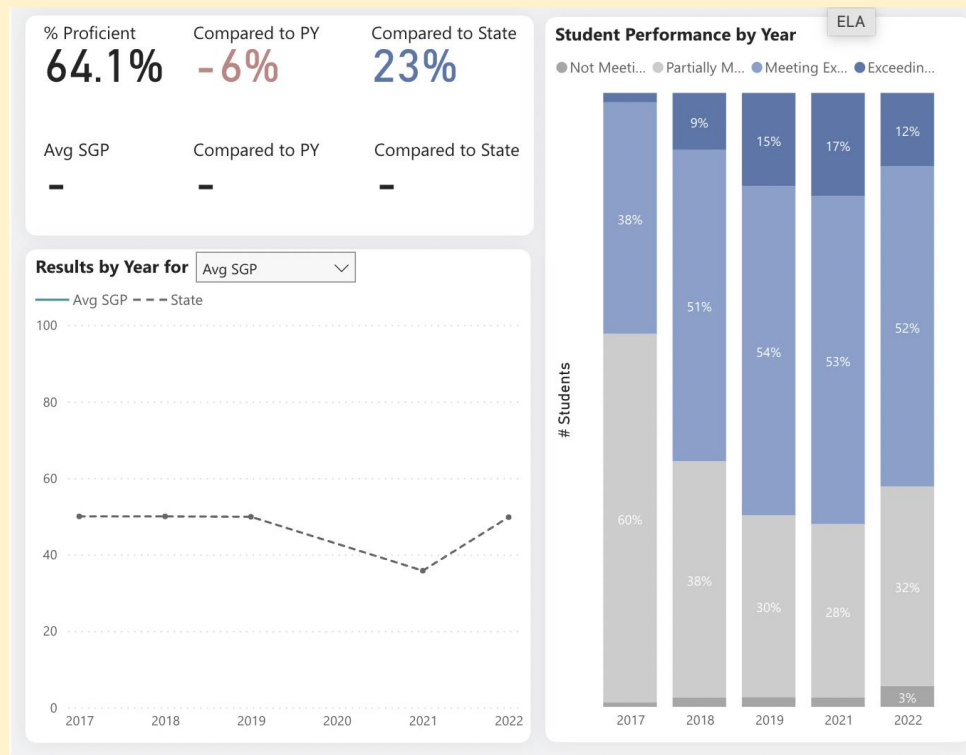
Meeting or Exceeding: 64%

Compared to PY -6%

SGP (IEP/504): N/A

Meeting or Exceeding (IEP/504): 46%

Compared to PY +6%



Grade 3 Math

SGP: N/A

Meeting or Exceeding: 57%

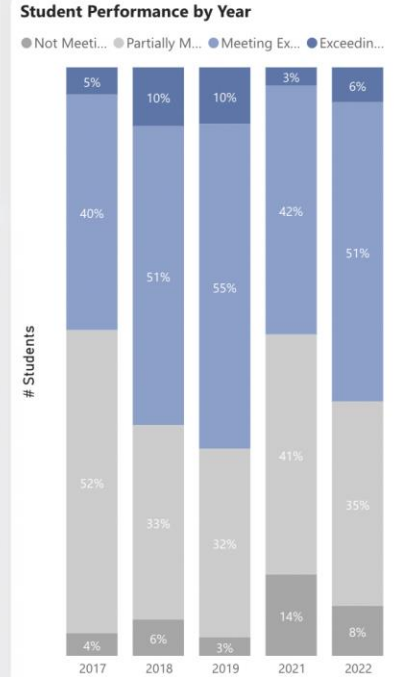
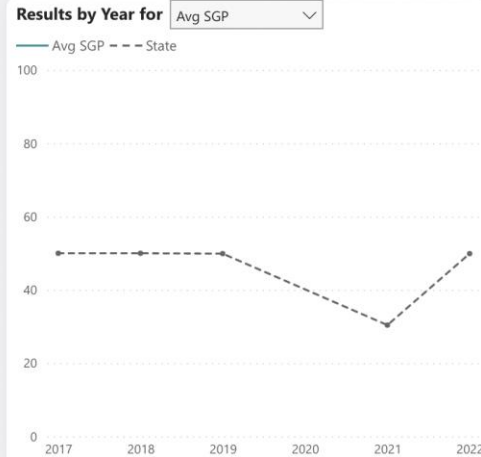
Compared to PY +11%

SGP (IEP/504): N/A

Meeting or Exceeding (IEP/504): 52%

Compared to PY +32%

% Proficient	Compared to PY	Compared to State
56.8%	11%	18%
Avg SGP	Compared to PY	Compared to State
-	-	-



Grade 4 ELA

SGP: 53.5 (Typical)

Meeting or Exceeding: 56%

Compared to PY -9%

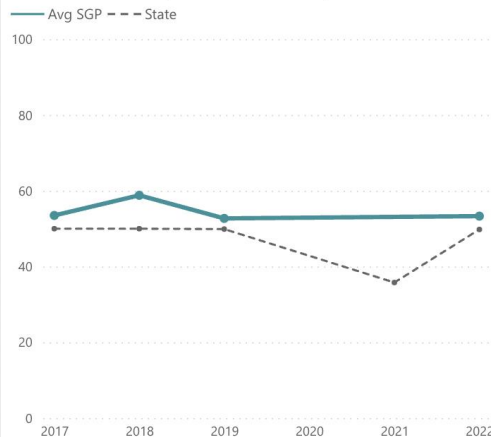
SGP (IEP/504): 49.9 (Typical)

Meeting or Exceeding(IEP/504): 24%

Compared to PY -9%

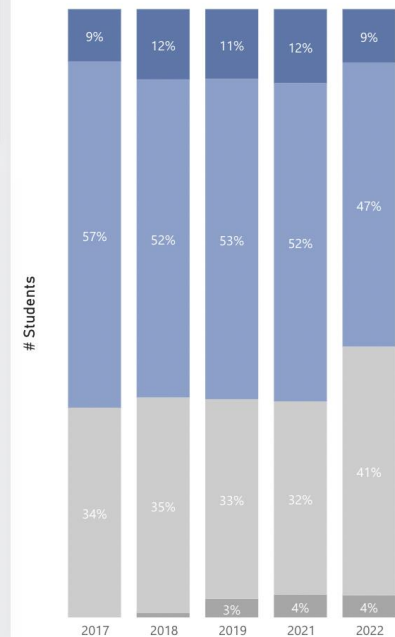
% Proficient	Compared to PY	Compared to State
55.5...	-9%	14%
Avg SGP	Compared to PY	Compared to State
53.3	53	4

Results by Year for Avg SGP



Student Performance by Year

● Not Meet... ● Partially M... ● Meeting Ex... ● Exceedin...



Grade 4 Math

SGP: 47.3 (Typical)

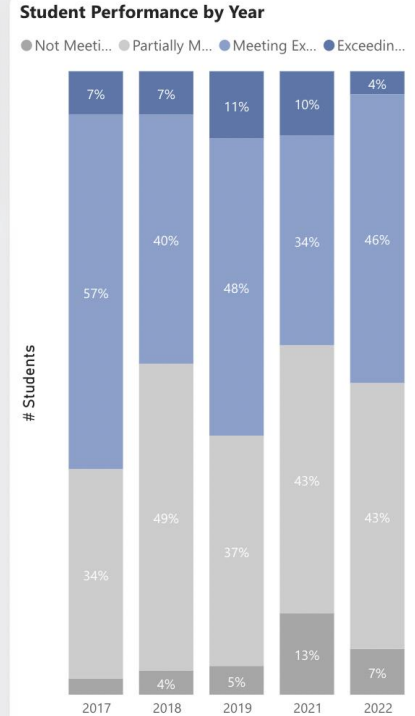
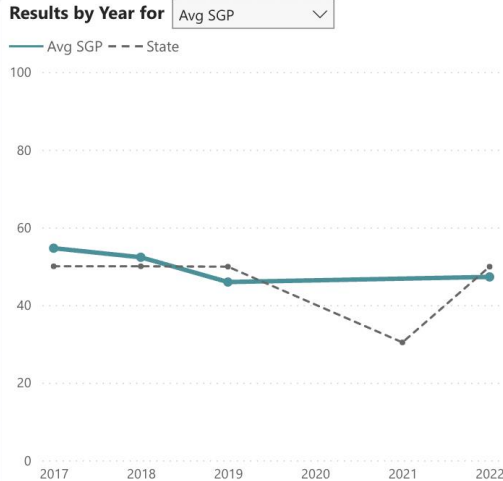
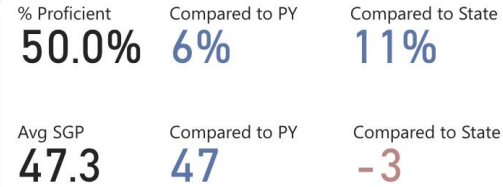
Meeting or Exceeding: 50%

Compared to PY +6%

SGP (IEP/504): 43.6 (Typical)

Meeting or Exceeding (IEP/504): 21%

Compared to PY +11%



Grade 5 ELA

SGP: 46.3 (Typical)

Meeting or Exceeding: 48%

Compared to PY: -11%

SGP (IEP/504): 33.9 (Low)

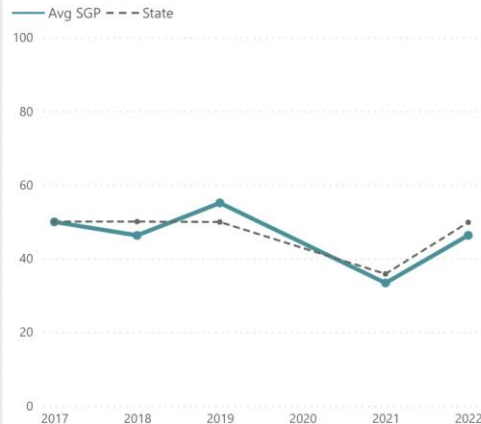
Meeting or Exceeding(IEP/504): 12%

Compared to PY -19%

% Proficient
47.9% Compared to PY **-11%** Compared to State **7%**

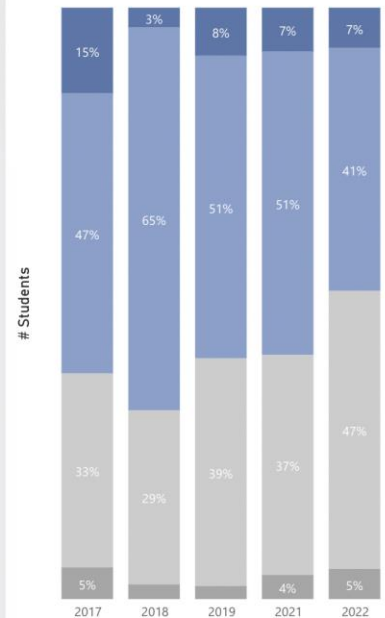
Avg SGP
46.3 Compared to PY **13** Compared to State **-4**

Results by Year for Avg SGP



Student Performance by Year

● Not Meeti... ● Partially M... ● Meeting Ex... ● Exceedin...



Grade 5 Math

SGP: 49.1 (Typical)

Meeting or Exceeding: 49%

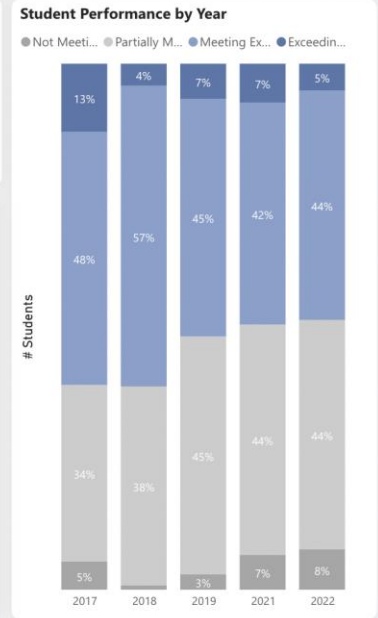
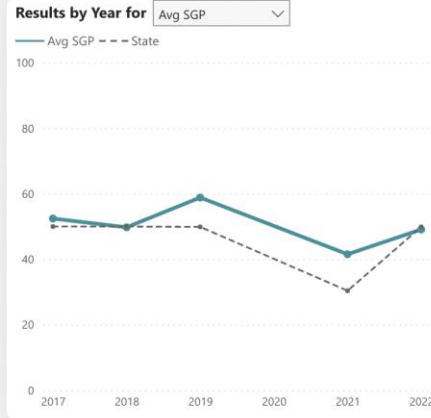
Compared to PY: -1%

SGP (IEP/504): 40.9 (Typical)

Meeting or Exceeding (IEP/504): 12%

Compared to PY -15%

% Proficient	Compared to PY	Compared to State
48.7%	-1%	10%
Avg SGP	Compared to PY	Compared to State
49.1	8	-1



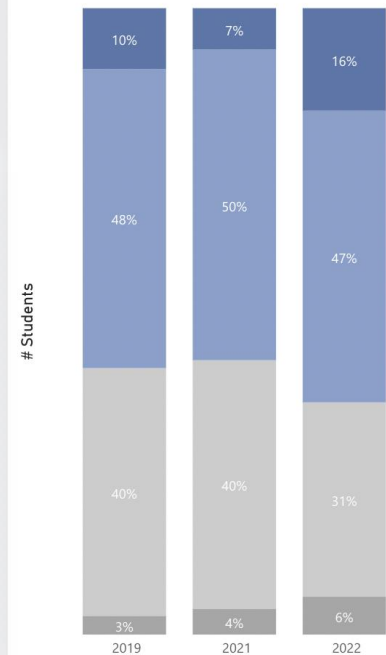
Grade 5 Science

% Proficient **62.9%** Compared to PY **7%** Compared to State **21%**

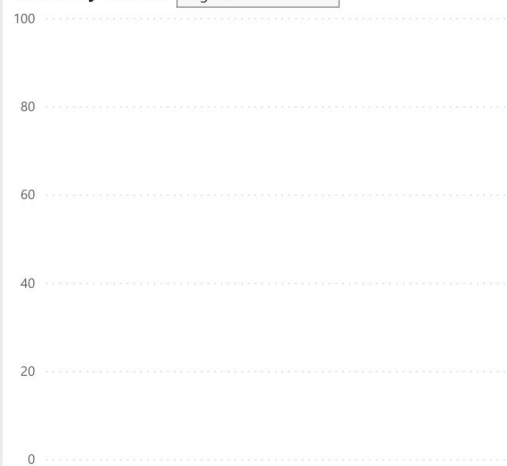
Avg SGP **-** Compared to PY **-** Compared to State **-**

Student Performance by Year

● Not Meeti... ● Partially M... ● Meeting Ex... ● Exceedin...



Results by Year for Avg SGP



SGP: N/A

Meeting or Exceeding: 63%

Compared to PY: +7%

SGP (IEP/504): N/A

Meeting or Exceeding (IEP/504): 30%

Compared to PY: No

Change

RSS Impressions

Strengths:

- Test participation rates were extremely high
- RSS students demonstrated typical growth in most areas
- Third graders did well in both ELA and Math
- Fourth graders did well in Math
- Fifth graders did well in Science

Challenges:

- Grade 3 students are taking this test for the first time
- Scope and sequence of curriculum to cover the content prior to the MCAS tests.
- Students on 504/IEP:
 - 24% of grade 3
 - 25% of grade 4
 - 30% of grade 5
- Focusing in on the right testing accommodations for each student
- Scheduling of MCAS test
- Interrupted learning during the pandemic

RSS Next Steps

Beginning in Trimester 2:

Regularly practice MCAS type reading, writing and math problems to increase familiarity for students.

Regularly complete math problems on the Chromebooks to learn to use the drag/drop toolbox.

Practice problems using the math reference sheet

New math curriculum - Into Math - look at ways that it addresses content areas that were previously weak for students

Where to go for more MCAS information:

[School and District Profiles](#)

[Information on Next-Generation MCAS](#)

[Parent/Guardian Information](#)

