

Hull Public Schools District MCAS Results 2022

[2022 Accountability Data - Hull \(01420000\)](#)

School Committee Meeting
November 14, 2022

Presentation Agenda

- Spring 2022 District Data Overview
 - Comparison to the State's Achievement
 - Comparison to the DART Districts
 - Comparison to Surrounding Districts
- Individual School Data Results with Target Strategies for Improvement
 - Jacobs - Mr. Kyle Shaw
 - Memorial - Mr. Anthony Hrivnak
 - High School - Mr. Michael Knybel
- District Target Focus Areas for Improvement

MCAS EXPLORER

HULL PUBLIC SCHOOLS

OVERVIEW

SCHOOLS

DEMOGRAPHICS

STUDENTS

ITEMS

DISTRICTS

YEAR

SCHOOL

GRADE

SUBJECT

ENROLLED OCT 1

View Extra Filters
(0 extra filters applied)

Reset Filters

2022

Multiple selections

All

ELA

Math

Science

Enrolled Oct 1

% Proficient

45.2%

Compared to PY

-10%

Compared to State

4%

Avg SGP

45.4

Compared to PY

6

Compared to State

-4

Results by Year for

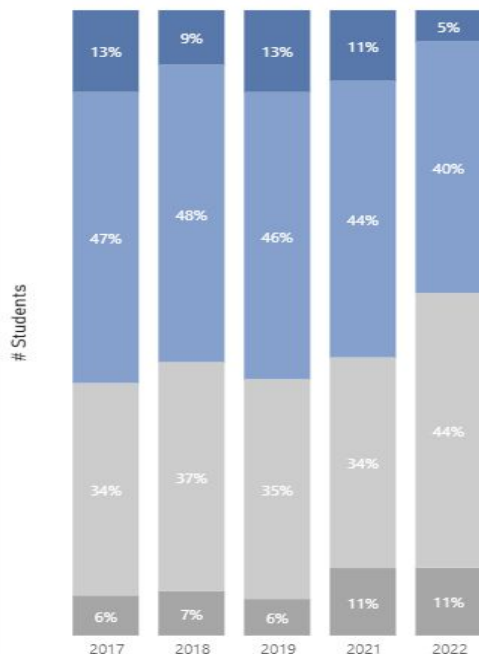
% Proficient

— % Proficient — State

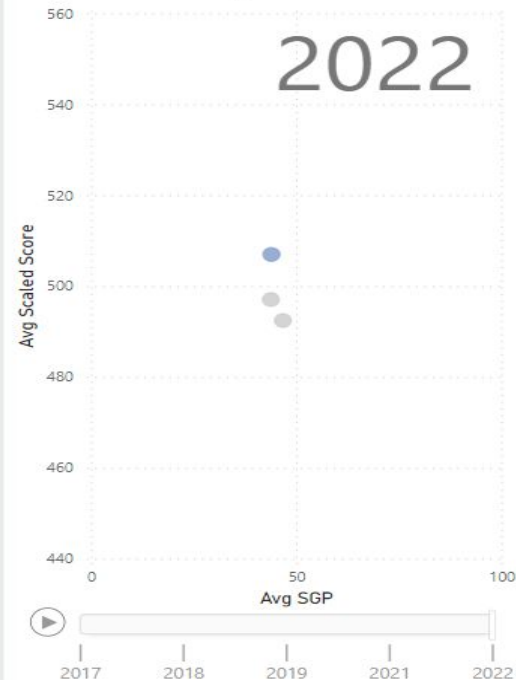


Student Performance by Year

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



Scaled Score & SGP by School



MCAS EXPLORER

HULL PUBLIC SCHOOLS

[OVERVIEW](#)[SCHOOLS](#)[DEMOGRAPHICS](#)[STUDENTS](#)[ITEMS](#)[DISTRICTS](#)

YEAR

2022

SCHOOL

Multiple selections

GRADE

All

SUBJECT

ELA

Math

Science

ENROLLED OCT 1

Enrolled Oct 1

[View Extra Filters](#)
(0 extra filters applied)
[Reset Filters](#)

% Proficient

46.4%

Compared to PY

1%

Compared to State

7%

Avg SGP

42.3

Compared to PY

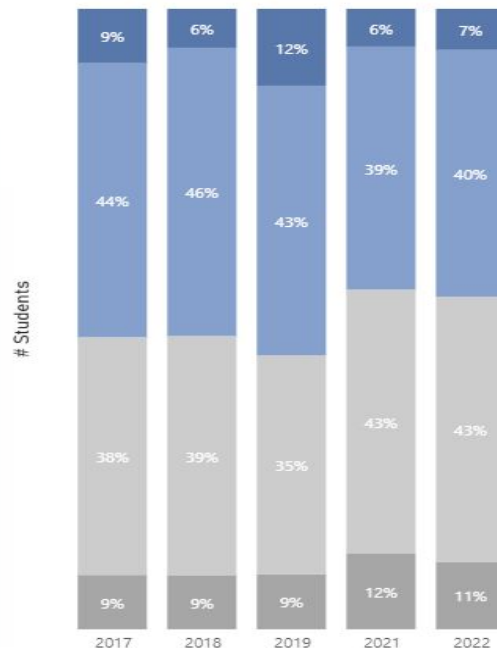
10

Compared to State

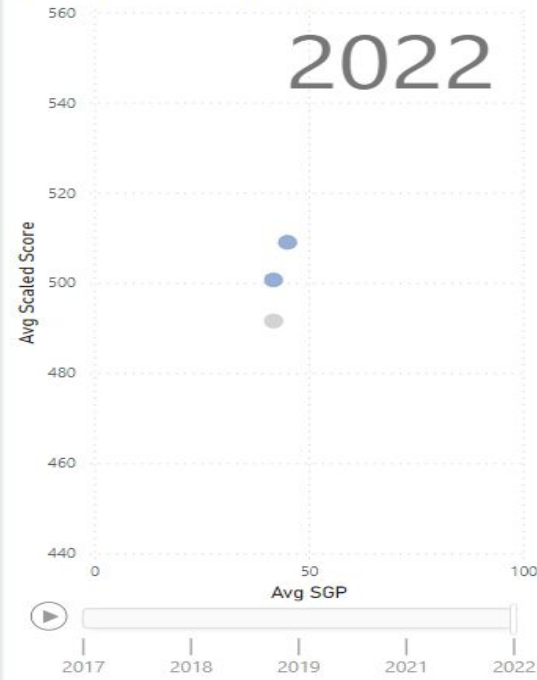
-8

Student Performance by Year

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



Scaled Score & SGP by School



Results by Year for

% Proficient

— % Proficient — — State



MCAS EXPLORER

HULL PUBLIC SCHOOLS

OVERVIEW

SCHOOLS

DEMOGRAPHICS

STUDENTS

ITEMS

DISTRICTS

YEAR

2022

SCHOOL

Multiple selections

GRADE

All

SUBJECT

ELA

Math

Science

ENROLLED OCT 1

Enrolled Oct 1

View Extra Filters
(0 extra filters applied)
Reset Filters

% Proficient

42.4%

Compared to PY

3%

Compared to State

0%

Avg SGP

—

Compared to PY

—

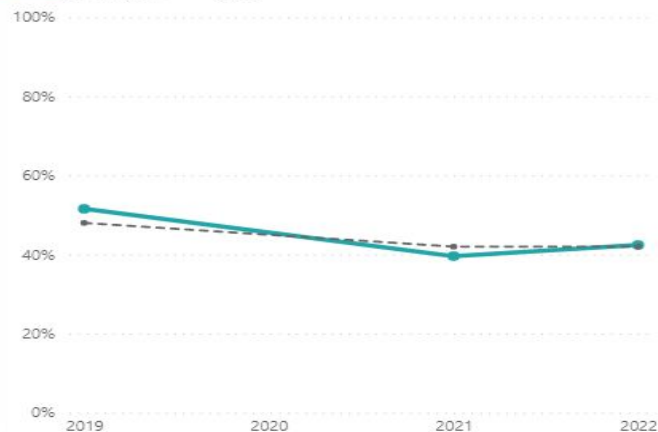
Compared to State

—

Results by Year for

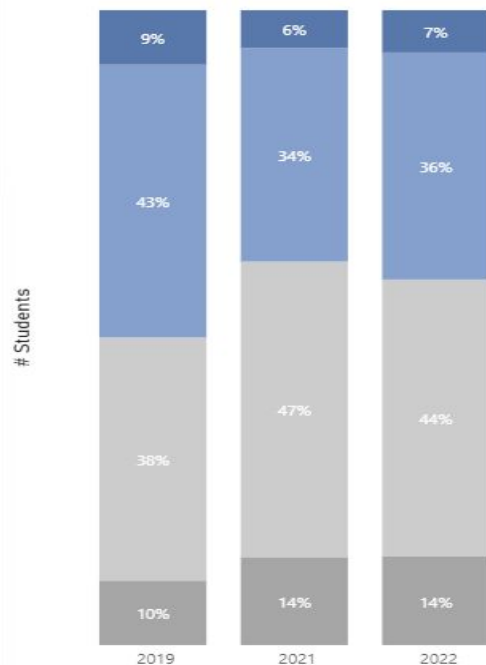
% Proficient

— % Proficient — State



Student Performance by Year

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



Scaled Score & SGP by School



MCAS EXPLORER

HULL PUBLIC SCHOOLS

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ITEMS

DISTRICTS

YEAR

2022

DISTRICT

Multiple selections

GRADE

10

SUBJECT

ELA

Math

Science

STUDENT GROUP

All Students

[Reset Filters](#)

Hull District Comparison

1st
place in % Proficiency

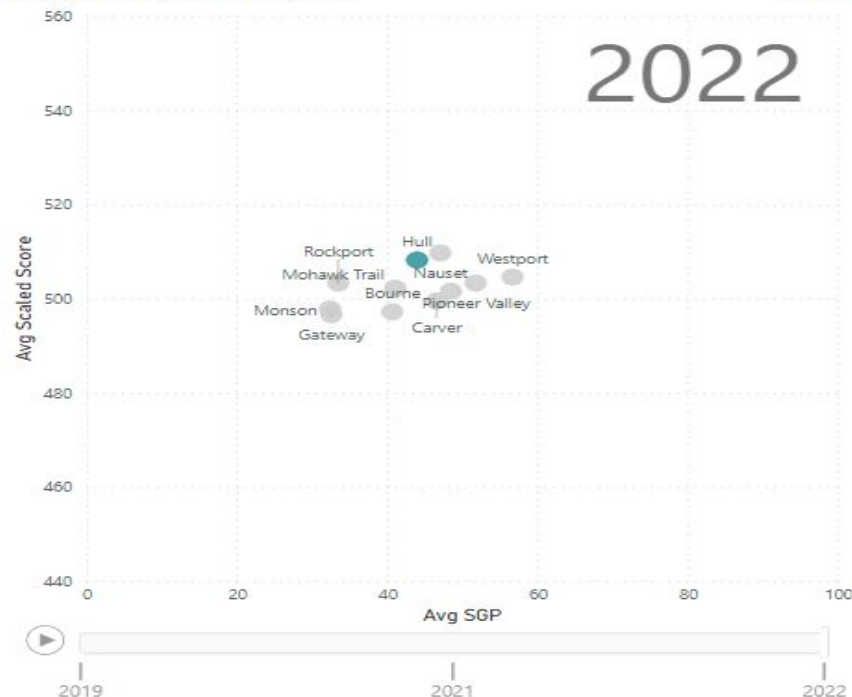
6th
place in SGP

2nd
place in Scaled Score

Compared to the other
selected districts

Scaled Score & SGP by District

Hull



% Proficient

SGP

Avg Scaled Score

District Results by Year

District Name	2019	2021	2022
Bourne	70%	73%	43%
Carver	60%	66%	54%
Gateway	68%	70%	39%
Granby	60%	59%	56%
Hull	70%	77%	75%
Mohawk Trail	66%	80%	61%
Monson	59%	78%	39%
Nauset	83%	86%	75%
Pioneer Valley	84%	66%	53%
Rockport	73%	66%	67%
Westport	64%	75%	58%

YEAR

2022

DISTRICT

Multiple selections

GRADE

10

SUBJECT

ELA

Math

Science

STUDENT GROUP

All Students

[Reset Filters](#)

Hull District Comparison

1st

place in % Proficiency

8th

place in SGP

1st

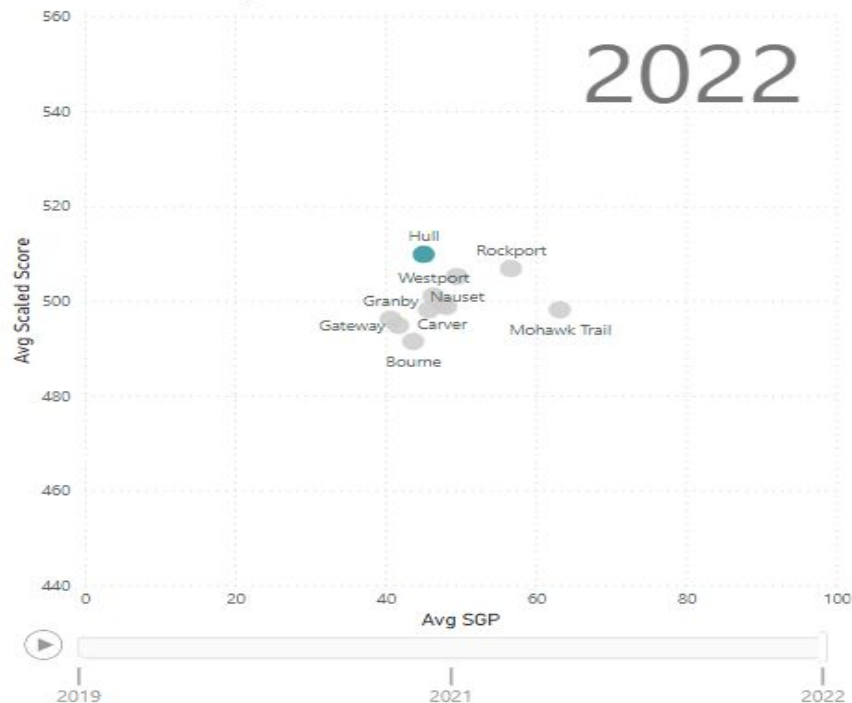
place in Scaled Score

Compared to the other
selected districts

Scaled Score & SGP by District

Hull ●

2022



% Proficient

SGP

Avg Scaled Score

District Results by Year

District Name	2019	2021	2022
Bourne	48%	44%	33%
Carver	59%	55%	51%
Gateway	55%	45%	41%
Granby	39%	50%	40%
Hull	59%	68%	68%
Mohawk Trail	49%	55%	47%
Monson	62%	53%	31%
Nauset	67%	71%	59%
Pioneer Valley	73%	55%	55%
Rockport	62%	55%	60%
Westport	49%	54%	49%

MCAS EXPLORER

HULL PUBLIC SCHOOLS

[OVERVIEW](#)
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[STUDENTS](#)
[ITEMS](#)
[DISTRICTS](#)

YEAR

2022

DISTRICT

Multiple selections

GRADE

10

SUBJECT

ELA

Math

Science

STUDENT GROUP

All Students

[Reset Filters](#)

Hull District Comparison

5th

place in % Proficiency

5th

place in SGP

5th

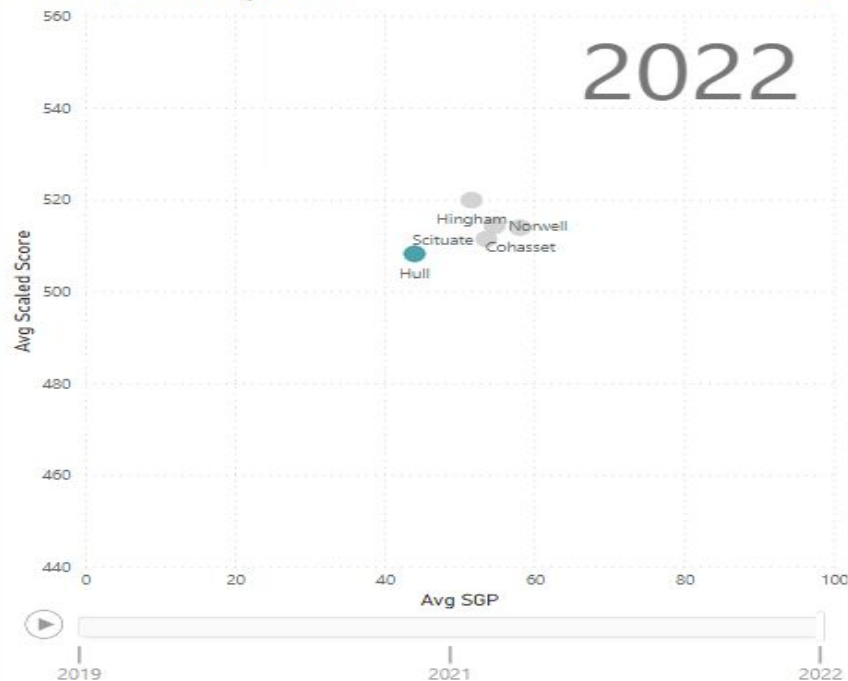
place in Scaled Score

 Compared to the other
selected districts

Scaled Score & SGP by District

Hull

2022


[% Proficient](#)
[SGP](#)
[Avg Scaled Score](#)

District Results by Year

District Name	2019	2021	2022
Cohasset	88%	86%	76%
Hingham	89%	91%	90%
Hull	70%	77%	75%
Norwell	87%	89%	81%
Scituate	75%	82%	79%

YEAR

2022

DISTRICT

Multiple selections

GRADE

10

SUBJECT

ELA

Math

Science

STUDENT GROUP

All Students

Reset Filters

Hull District Comparison

4th

place in % Proficiency

5th

place in SGP

3rd

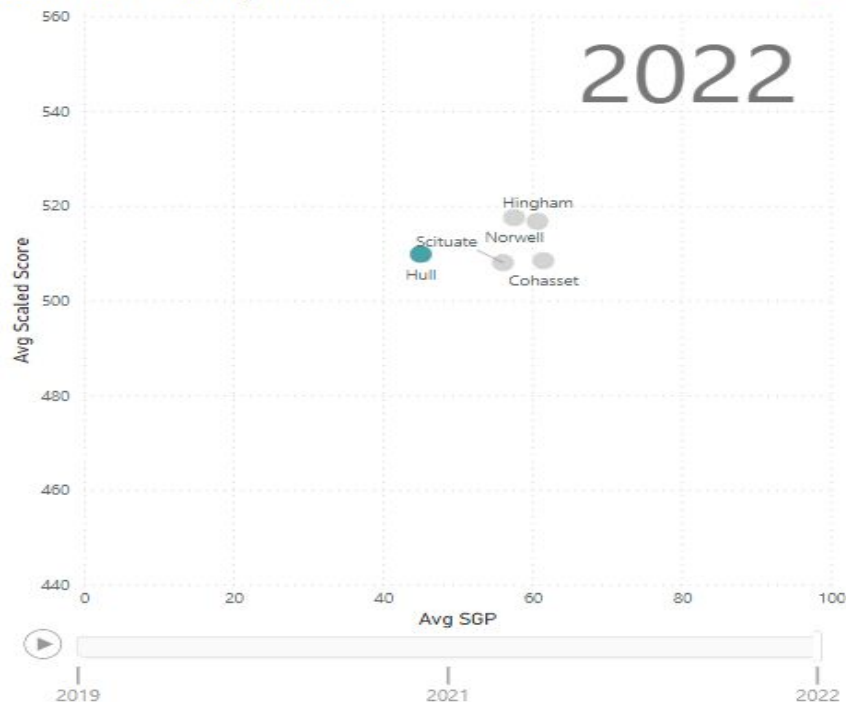
place in Scaled Score

Compared to the other
selected districts

Scaled Score & SGP by District

Hull

2022



% Proficient

SGP

Avg Scaled Score

District Results by Year

District Name	2019	2021	2022
Cohasset	85%	80%	67%
Hingham	82%	81%	81%
Hull	59%	68%	68%
Norwell	88%	82%	84%
Scituate	74%	65%	70%

Key District Noticings

- Math Achievement at or above state in grades 3-7 & 10
- ELA Grade 10 above state
 - ELA decline consistent with state
 - Grades 3-5 decline in language & writing
 - Grades 6-8 mix decline
- Student Growth
- Student Attendance
- MCAS Participation Rate

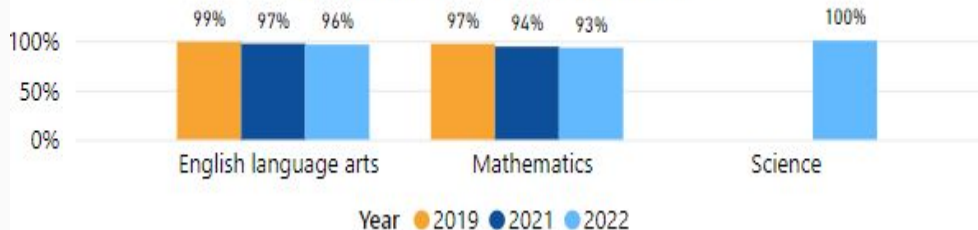
Hull Student Attendance

End of Year Attendance Summary				
Year	Attendance Rate (%)	Students Missing 10% of Days (%)	Students Missing 20% of Days (%)	Average Days Missed (#)
2019	93.6	16.4		11.3
2021	91.2	27.3		14.5
2022	92.1	28.9	4.9	13.8

[MCAS 22 Part. Rate](#)

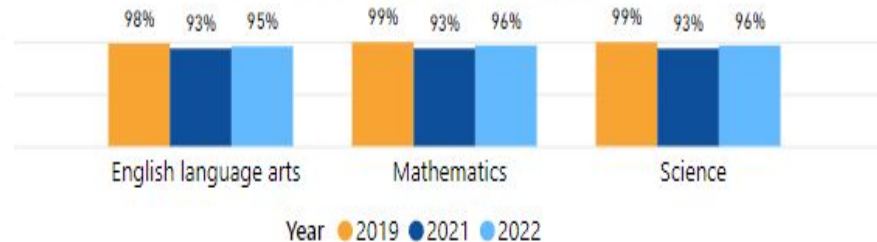
Grade 10

Next Generation MCAS Participation Rate



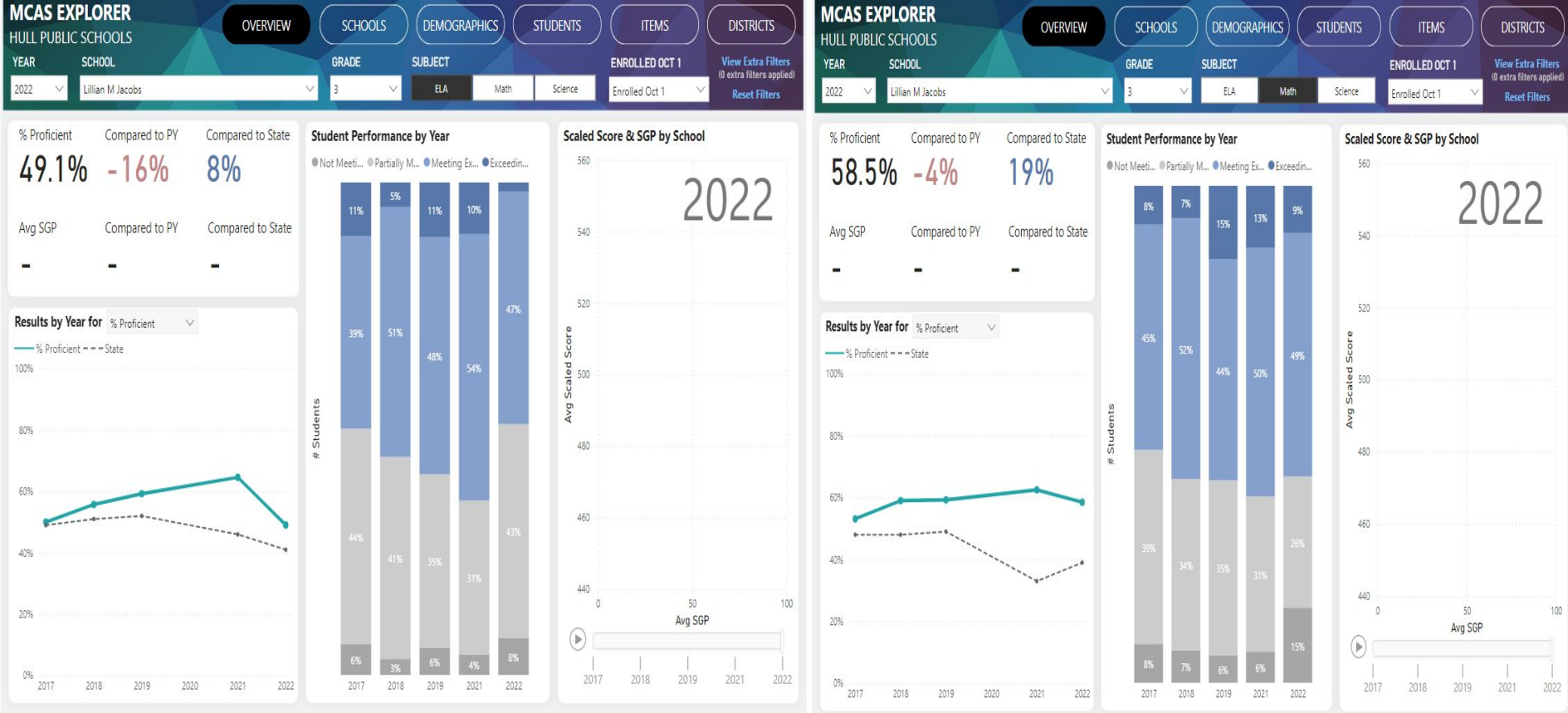
Grades 3-8

Next Generation MCAS Participation Rate



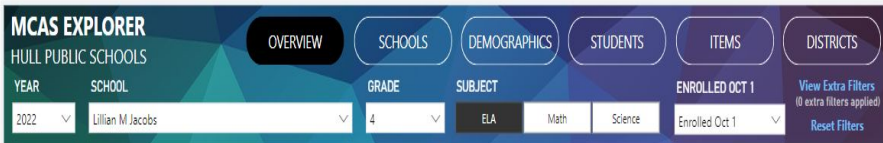
Jacobs Elementary School ELA & Math Results - Grade 3

Kyle Shaw, Principal



Jacobs Elementary School ELA & Math Results - Grade 4

Kyle Shaw, Principal

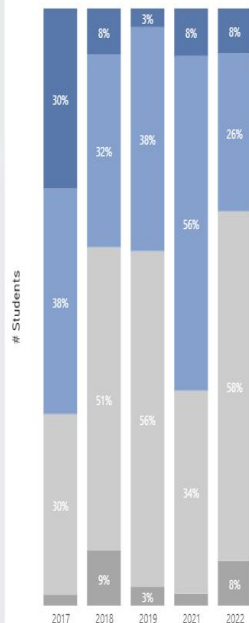


% Proficient Compared to PY Compared to State
34.0% **-30%** **-7%**

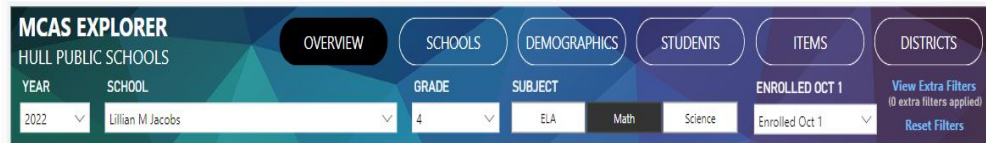
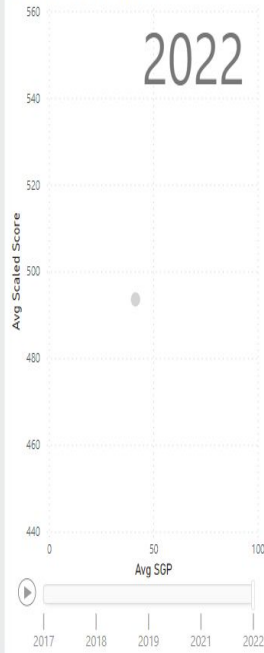
Avg SGP Compared to PY Compared to State
41.4 **41** **-8**

Student Performance by Year

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



Scaled Score & SGP by School

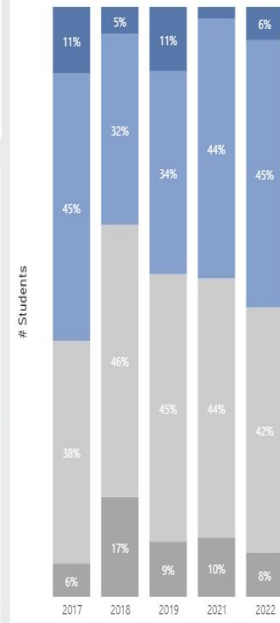


% Proficient Compared to PY Compared to State
50.9% **5%** **12%**

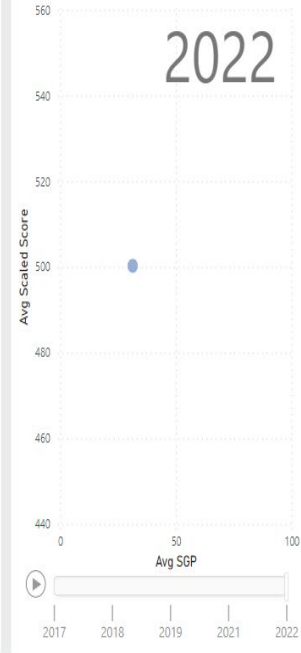
Avg SGP Compared to PY Compared to State
31.3 **31** **-19**

Student Performance by Year

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

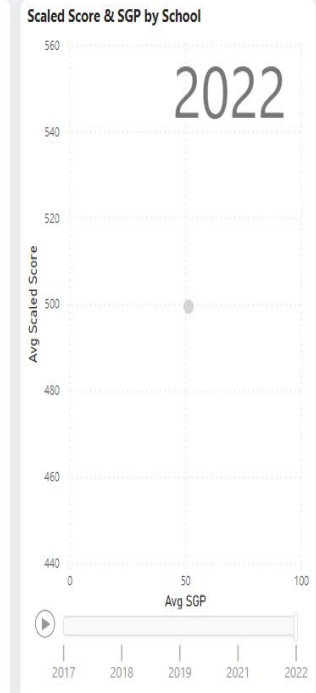
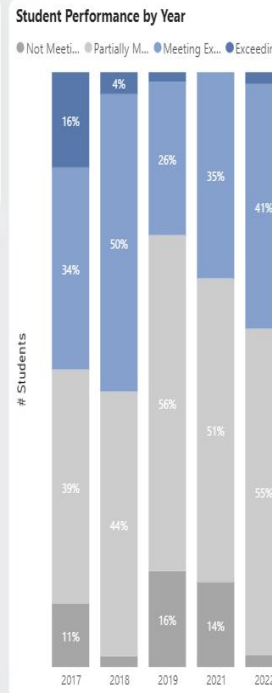
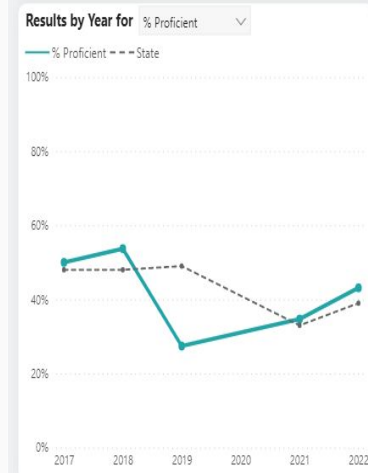
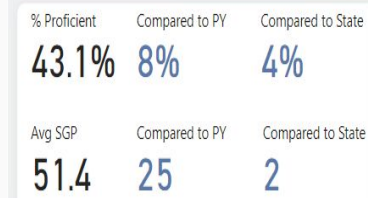
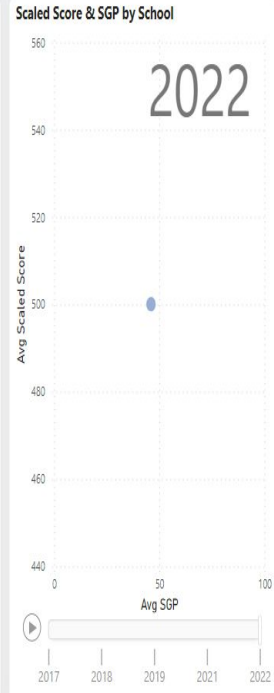
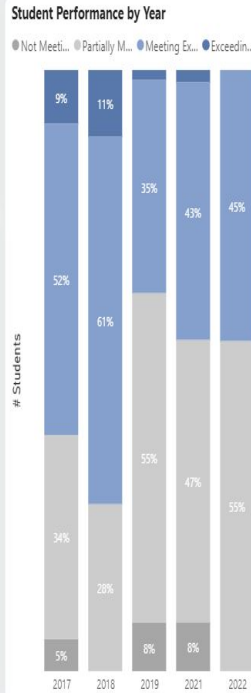
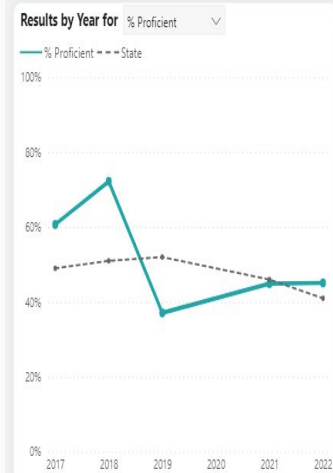
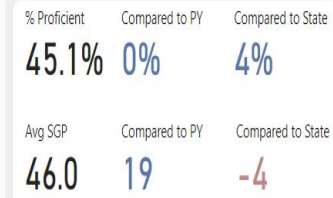
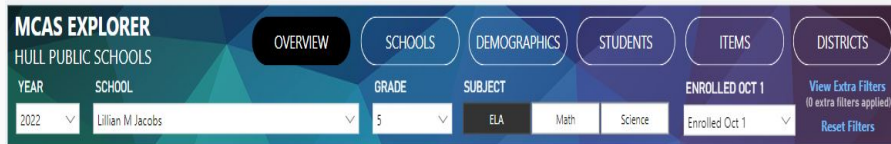


Scaled Score & SGP by School



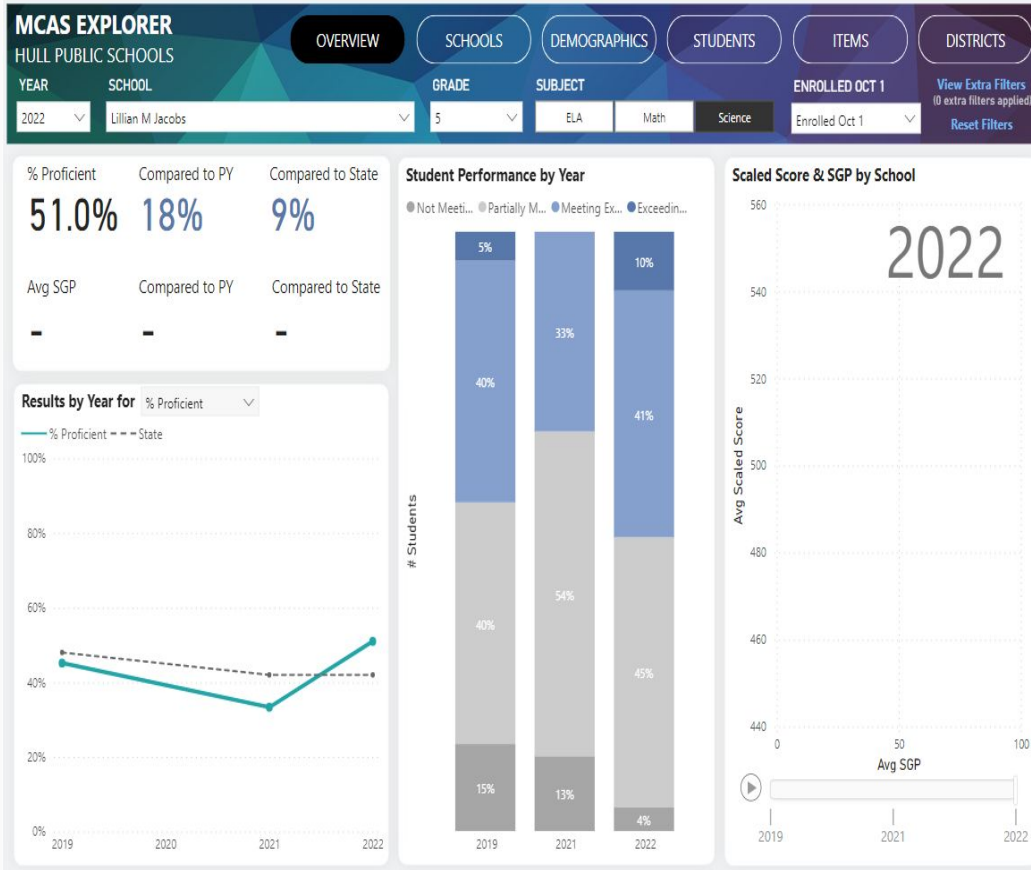
Jacobs Elementary School ELA & Math Results - Grade 5

Kyle Shaw, Principal



Jacobs Elementary School Science Results - Grade 5

Kyle Shaw, Principal



Key Noticings

- Decline in ELA
 - Strong Reading and Language scores
 - Low writing scores
- SGP
 - Strength in grade 5
 - Area of improvement in grade 4
- Math & STE is a strength
- MCAS participation rate is staggeringly low

Jacobs Elementary School Targeted Strategies for Improvement

Kyle Shaw, Principal

ACTION STEPS

Key Components

- Galileo
- Writing
- Chalk for Curriculum Writing
- Pirate Time
- Grade Level Teams
- Op Blue

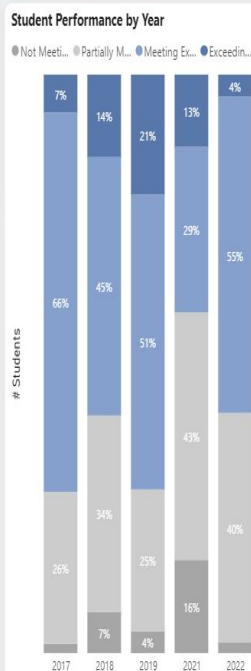
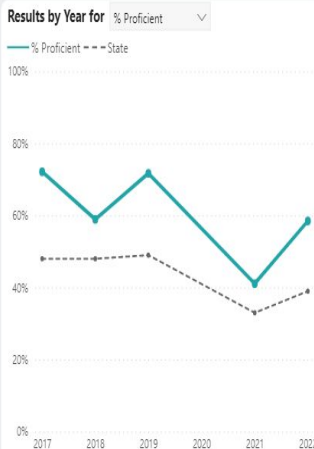
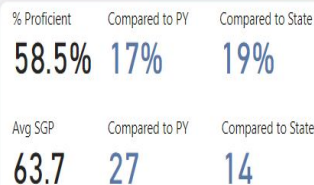
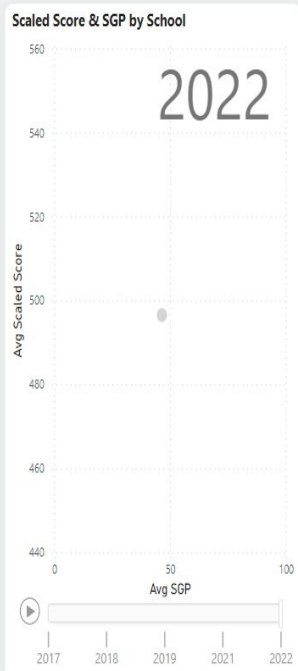
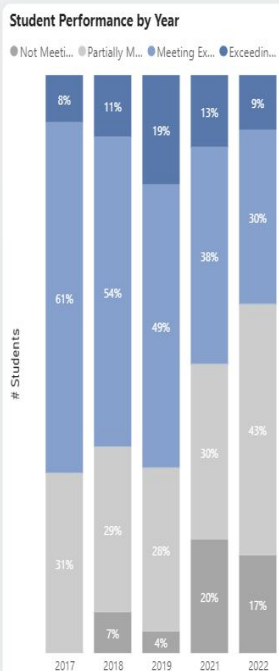
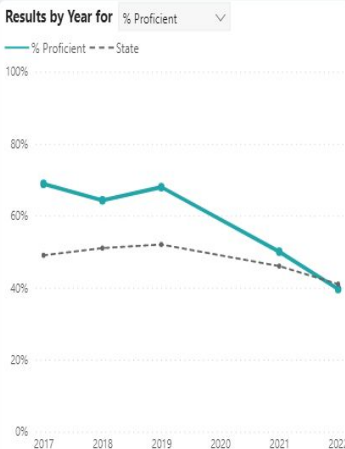
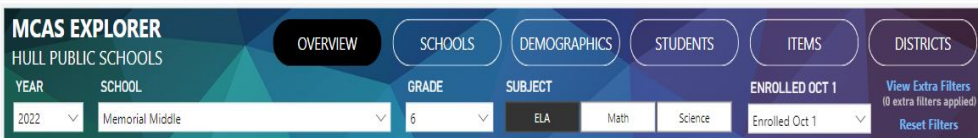
Additional Key Elements

- STE Boot Camp
- ELA curriculum
Review/Implementation
- Attendance
- Increase MCAS Participation
- SEL



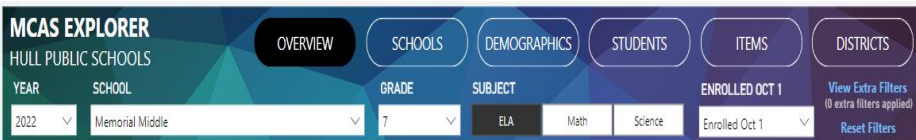
Memorial Middle School ELA & Math Results - Grade 6

Anthony Hrivnak, Principal



Memorial Middle School ELA & Math Results - Grade 7

Anthony Hrivnak, Principal

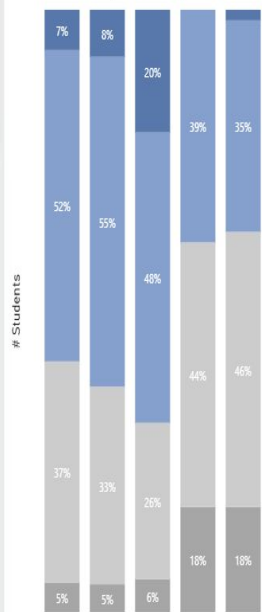


% Proficient Compared to PY Compared to State
36.8% **-2%** **-4%**

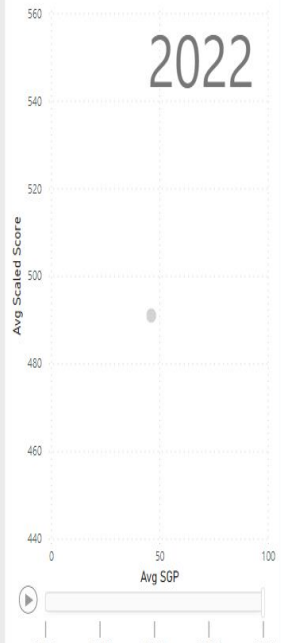
Avg SGP Compared to PY Compared to State
46.2 **6** **-4**

Student Performance by Year

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



Scaled Score & SGP by School

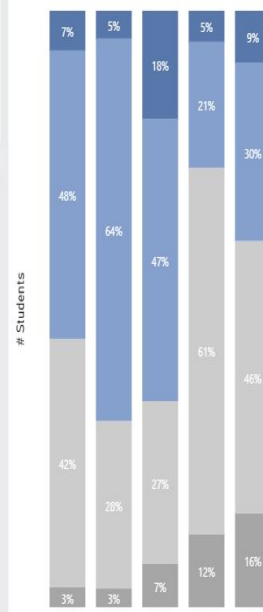


% Proficient Compared to PY Compared to State
38.6% **12%** **-0%**

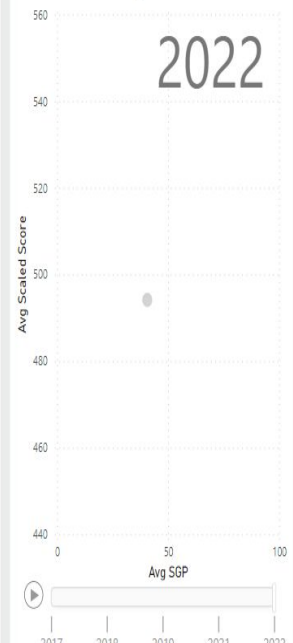
Avg SGP Compared to PY Compared to State
40.6 **-4** **-9**

Student Performance by Year

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

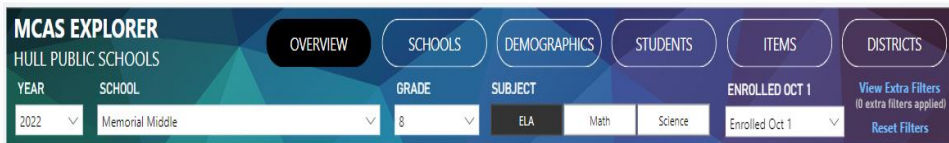


Scaled Score & SGP by School



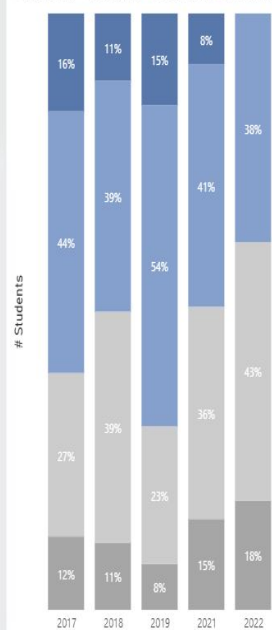
Memorial Middle School ELA & Math Results - Grade 8

Anthony Hrivnak, Principal



Student Performance by Year

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

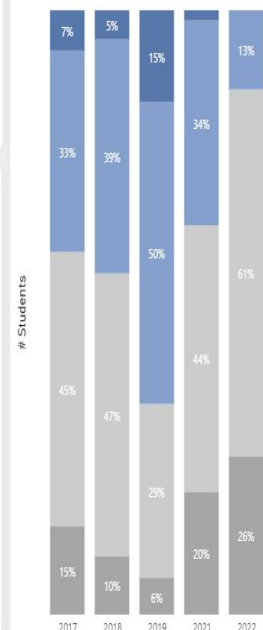


Scaled Score & SGP by School

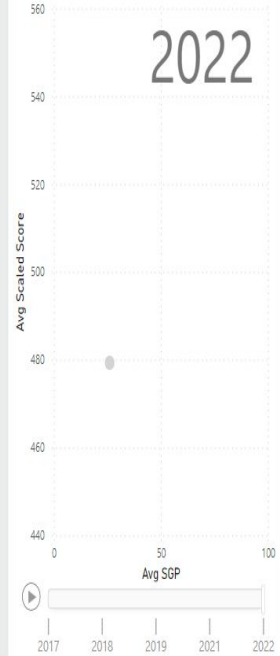


Student Performance by Year

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

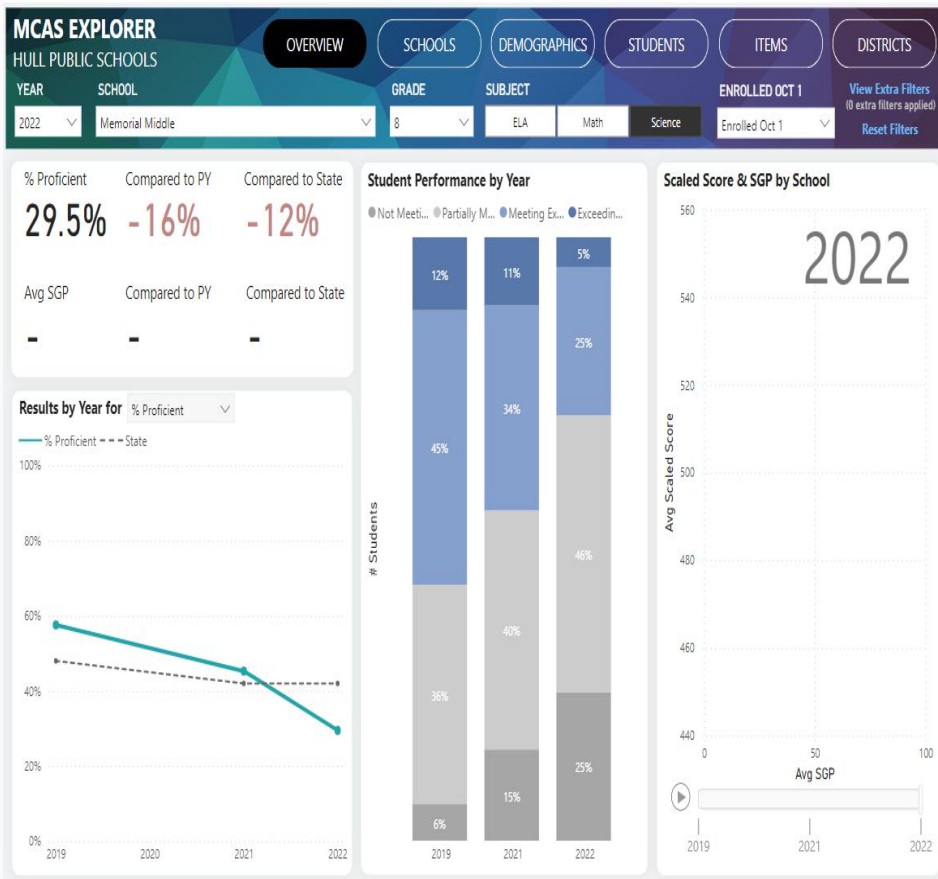


Scaled Score & SGP by School



Memorial Middle School Science Results - Grade 8

Anthony Hrivnak, Principal



Key Noticings

- Grade 8 cohort continues to decline and is lower than state average in all subject areas
- ELA
 - Writing is an area of concern
- Math
 - Statistics and Probability is an area of concern in grades 6 and 7
- SGP
 - Was comparable to the state in 5 out of 6 subjects/grades (range between 40 to 60)

Memorial Middle School Targeted Strategies for Improvement

Anthony Hrivnak, Principal

ACTION STEPS

Key Components

- Chalk for Curriculum Writing
- Grade Level Meetings
 - Galileo
 - Data
 - Enrichment and Intervention Program
- Writing and Social Studies
- Collaboration

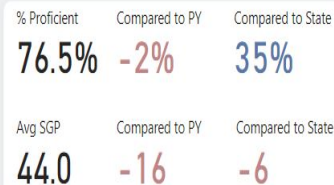
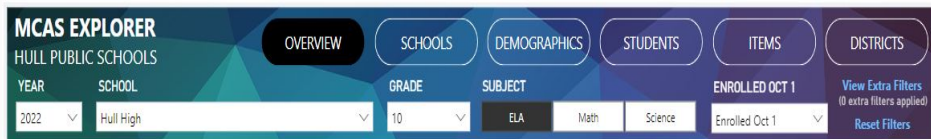
Additional Key Elements

- Attendance
- IXL Math Program
- MyCAP
- SEL
- STE Bootcamp
- Longer instructional blocks
- Sixth & seventh grade no longer teaching S.S.



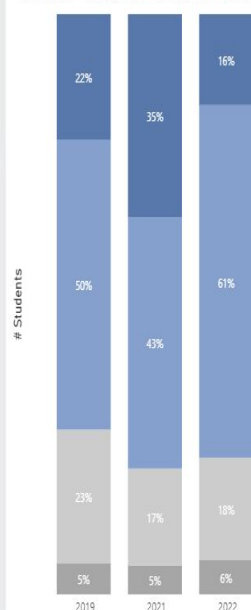
Hull High School Math and ELA Results Grade 10

Michael Knybel, Principal

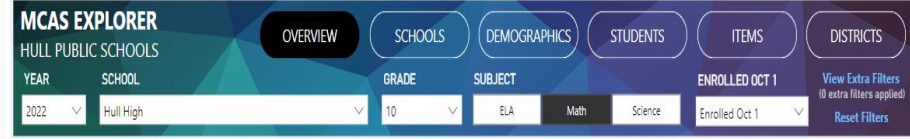
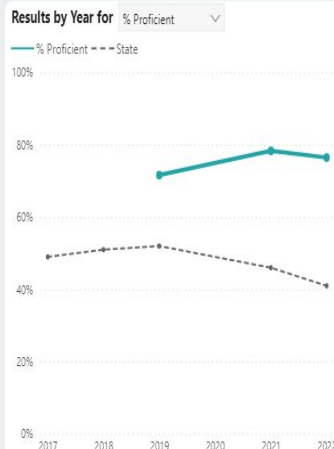
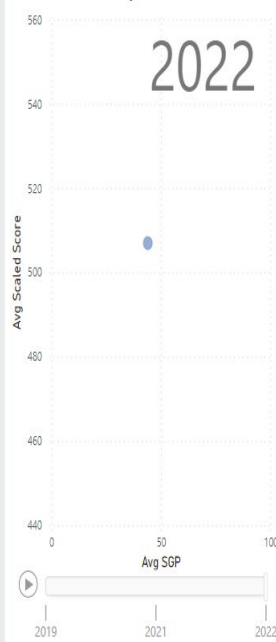


Student Performance by Year

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

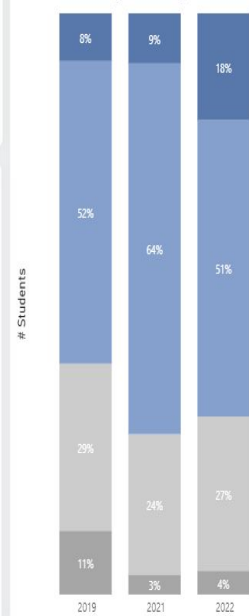


Scaled Score & SGP by School

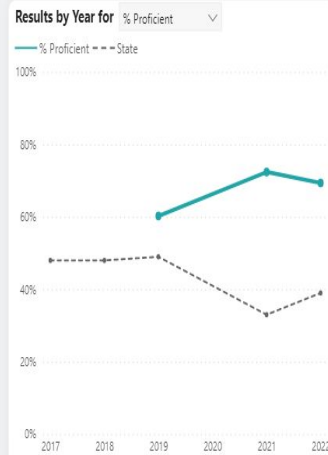
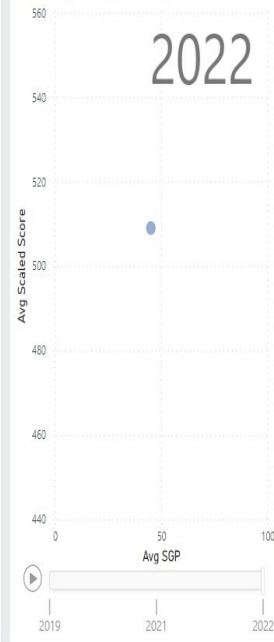


Student Performance by Year

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

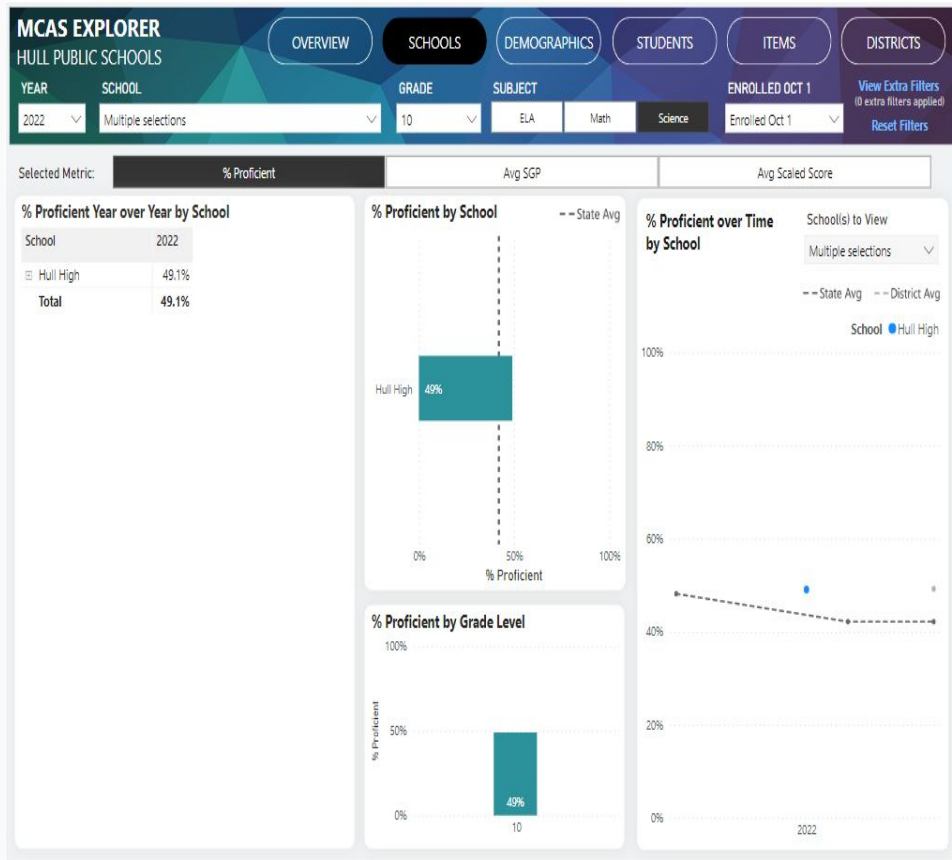


Scaled Score & SGP by School



Hull High School Science Results Grade 10

Michael Knybel, Principal



Key Noticings

- Participation rate low
 - SGP – below state
 - ELA, math & science average above state
- ELA & math top 20%
- Science top 45%
- Subgroups (high needs, low income) achievement scores increased from 2019 to 2021

Hull High School Target Strategies for Improvement

Michael Knybel, Principal

ACTION STEPS

Key Components

- Chalk for Curriculum Mapping
- Galileo Benchmark Testing
- Galileo Progress Monitoring
- Data Teams
- IXL for math support and practice
- Utilizing Freshman Seminar & Pirate Time

Additional Key Elements

- Attendance
- Positive Behavior Interventions Supports
- MCAS-like questions and practice
- SEL Advisory
- Collaboration



District-wide Targeted Strategies for Improvement

Focus Areas

Curriculum

- Comprehensive Curriculum Reviews
- Curriculum Mapping - CHALK

Instruction

- Deeper Learning
- Pirate & Enrichment Time
- Refocus on Writing

Assessment

- District Formative Assessments
- Galileo
 - Benchmark & Formative Assessments
- Data Meetings
- Learning Walks

Student Intervention

- Consistent Student Intervention Process K-12

Staying the Course

