

Medfield Public Schools
2023
MCAS Results
12/14/23

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Medfield MCAS 2023

- Review of MCAS Scores Grades 3-10
- How do we stack up? Medfield scores ranked statewide
- MCAS Explorer- Using these data to inform instruction and learning

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 3 ELA & Math

ELA

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	17%	9%	16%	7%
ME	63%	63%	60%	37%
PM	19%	25%	23%	40%
NM	2%	4%	2%	16%

- 76% of Wheelock students scored Exceeding or Meeting Expectations
- 44% of Massachusetts students scored Exceeding or Meeting Expectations

MATH

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	17%	12%	17%	8%
ME	54%	55%	61%	33%
PM	24%	30%	21%	39%
NM	4%	4%	1%	20%

- 78% of Wheelock students scored Exceeding or Meeting Expectations
- 41% of Massachusetts students scored Exceeding or Meeting Expectations

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 4 ELA & Math

ELA

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023</u> <u>State</u>
EE	14%	13%	16%	5%
ME	57%	51%	53%	34%
PM	27%	29%	29%	43%
NM	3%	7%	3%	17%

- 69% of Dale Street students scored Exceeding or Meeting Expectations
- 39% of Massachusetts students scored Exceeding or Meeting Expectations

MATH

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023</u> <u>State</u>
EE	17%	18%	20%	8%
ME	53%	56%	62%	37%
PM	26%	21%	16%	37%
NM	5%	5%	2%	18%

- 82% of Dale Street students scored Exceeding or Meeting Expectations
- 45% of Massachusetts students scored Exceeding or Meeting Expectations

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 5 ELA & Math

ELA

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	6%	11%	10%	5%
ME	67%	56%	65%	39%
PM	26%	29%	20%	40%
NM	1%	5%	4%	16%

- 75% of Dale Street students scored Exceeding or Meeting Expectations
- 44% of Massachusetts students scored Exceeding or Meeting Expectations

MATH

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	6%	15%	13%	5%
ME	59%	60%	61%	36%
PM	33%	20%	24%	46%
MN	2%	4%	3%	13%

- 74% of Dale Street students scored Exceeding or Meeting Expectations
- 41% of Massachusetts students scored Exceeding or Meeting Expectations

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 5 STE

STE

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023</u> <u>State</u>
EE	6%	14%	16%	8%
ME	58%	54%	51%	33%
PM	32%	28%	28%	40%
NM	4%	3%	6%	19%

- 67% of Dale Street students scored Advanced or Proficient
- 41% of Massachusetts students scored Advanced or Proficient

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 6 ELA & Math

ELA

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	19%	10%	15%	8%
ME	61%	56%	57%	34%
PM	18%	29%	22%	34%
NM	2%	5%	6%	24%

- 72% of Blake students scored Exceeding or Meeting Expectations
- 42% of Massachusetts students scored Exceeding or Meeting Expectations

Math

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	18%	4%	10%	7%
ME	59%	66%	51%	34%
PM	22%	26%	35%	42%
NM	1%	4%	5%	17%

- 61% of Blake students scored Exceeding or Meeting Expectations
- 41% of Massachusetts students scored Exceeding or Meeting Expectations

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 7 ELA & Math

ELA

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	15%	15%	19%	8%
ME	65%	61%	58%	33%
PM	19%	20%	18%	40%
NM	2%	4%	5%	19%

- 77% of Blake students scored Exceeding or Meeting Expectations
- 41% of Massachusetts students scored Exceeding or Meeting Expectations

MATH

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	25%	11%	14%	8%
ME	56%	57%	55%	31%
PM	17%	26%	24%	40%
NM	2%	6%	7%	22%

- 69% of Blake students scored Exceeding or Meeting Expectations
- 39% of Massachusetts students scored Exceeding or Meeting Expectations

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 8 ELA & Math

ELA

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023</u> <u>State</u>
EE	14%	9%	10%	10%
ME	52%	53%	58%	34%
PM	31%	34%	27%	34%
NM	3%	4%	5%	22%

- 68% of Blake students scored Exceeding or Meeting Expectations
- 44% of Massachusetts students scored Exceeding or Meeting Expectations

Math

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023</u> <u>State</u>
EE	13%	12%	9%	7%
ME	52%	51%	51%	30%
PM	32%	33%	34%	42%
NM	2%	4%	5%	20%

- 60% of Blake students scored Exceeding or Meeting Expectations
- 37% of Massachusetts students scored Exceeding or Meeting Expectations

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 8 STE

STE

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023</u> <u>State</u>
EE	21%	13%	20%	6%
ME	52%	63%	55%	35%
PM	25%	23%	22%	40%
NM	2%	2%	3%	19%

- 75% of Blake students scored Proficient or Advanced
- 41% of Massachusetts students scored Proficient or Advanced

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 10 ELA & Math

ELA

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	20%	23%	33%	15%
ME	59%	60%	52%	43%
PM	19%	17%	14%	30%
NM	2%	0%	1%	11%

- 85% of High School students scored Exceeding or Meeting Expectations
- 58% of Massachusetts students scored Exceeding or Meeting Expectations

MATH

	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023 State</u>
EE	35%	27%	28%	10%
ME	49%	56%	55%	40%
PM	15%	16%	16%	42%
NM	1%	1%	1%	9%

- 83% of High School students scored Exceeding or Meeting Expectations
- 50% of Massachusetts students scored Exceeding or Meeting Expectations

Inclusivity-Respect-Responsibility-Continuous Growth

Grade 10 STE

STE

<u>Medfield</u>	<u>2019</u>	<u>2022</u>	<u>2023</u>	<u>2023</u> <u>State</u>
EE	54%	32%	39%	11%
ME	39%	60%	48%	36%
PM	20%	8%	14%	42%
NM	1%	1%	0%	11%

- 87% of High School students scored Proficient or Advanced
- 47% of Massachusetts students scored Proficient or Advanced

Inclusivity-Respect-Responsibility-Continuous Growth

Elementary

% Proficient Ranking Comparisons (all students)

Assessment		% Proficient (all students)	
		Medfield Statewide Ranking	# of Districts Statewide
Grade 3	ELA	6	307
	Math	5	307
Grade 4	ELA	16	307
	Math	4	307
Grade 5	ELA	9	316
	Math	19	316
	Science	34	316

Top 10

Top 25

Below 25

Blake Middle School

% Proficient Ranking Comparisons (all students)

Assessment		% Proficient (all students)	
		Medfield Statewide Ranking	# of Districts Statewide
Grade 6	ELA	15	325
	Math	70	325
Grade 7	ELA	8	301
	Math	21	301
Grade 8	ELA	33	300
	Math	49	300
	Science	10	300

Top 10

Top 25

Below 25

Medfield High School

% Proficient Ranking Comparisons (all students)

Assessment		% Proficient (all students)	
		Medfield Statewide Ranking	# of Districts Statewide
Grade 10	ELA	24	302
	Math	21	302
	Science	3	300

Top 10	Top 25	Below 25
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% Proficient Ranking Comparisons (all students)

Assessment		% Proficient (all students)	
		Medfield Ranking	# of Districts Statewide
Grades 3-8	ELA	11	352
	Math	16	352
	Science	19	349
Grade 10	ELA	24	302
	Math	21	302
	Science	3	300

Top 10	Top 25	Below 25
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% Proficient (all students)- 2019 v.2023

Assessment		2019	2023
Grades 3-8	<i>ELA</i>	75	73
	<i>Math</i>	72	71
	<i>Science</i>	69	71
Grade 10	<i>ELA</i>	79	85
	<i>Math</i>	84	82
	<i>Science</i>	–	87

Inclusivity-Respect-Responsibility-Continuous Growth

How we use these data?

Item Analysis

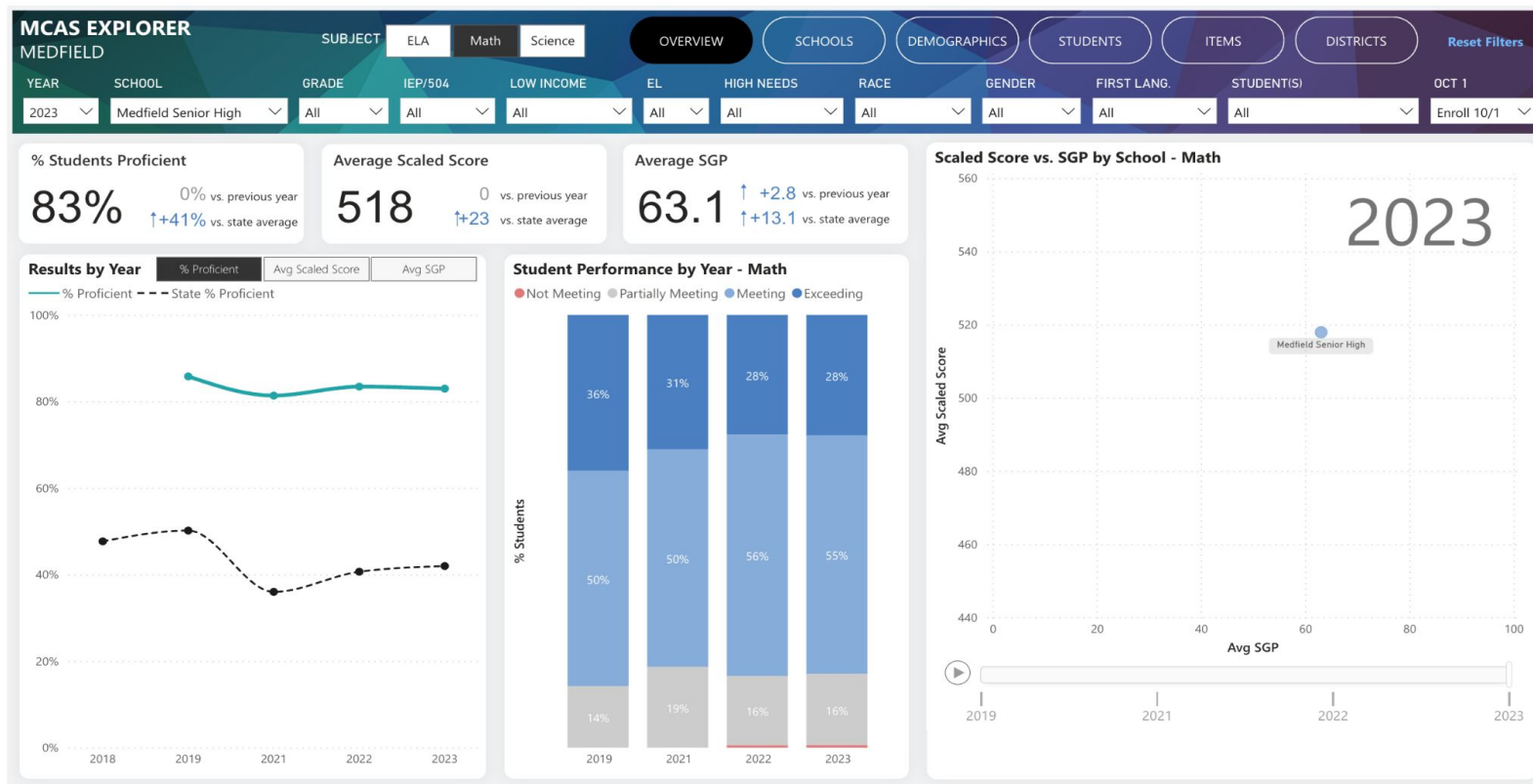
- Where are our strengths?
- What can we do better?
- Are there trends and what to they reveal?
- Do we need to make adjustments to our curriculum? Are there any gaps or overlaps?

Grade Level/ Department/ Leadership Team Discussions

- How do we use this data to improve instruction and learning for our students? What can we do to better support our High Needs students?
- What consistent learning experiences can we support?
- What do other assessment data say?
- How can these data influence Grade Level/Department goals?

Inclusivity-Respect-Responsibility-Continuous Growth

MCAS Explorer-Overview



MCAS Explorer- Item Analysis

MCAS EXPLORER
MEDFIELD

OVERVIEWSCHOOLSDEMOGRAPHICSSTUDENTSITEMSDISTRICTSReset Filters

SCHOOL
All

IEP/504
All

LOW INCOME
All

EL
All

HIGH NEEDS
All

RACE
All

GENDER
All

FIRST LANG.
All

STUDENT(S)
All

OCT 1
Enroll 10/1

Select Assessment Subject

ELA

Math

Select Assessment Year:

2023

Select Grade Level(s):

3

4

5

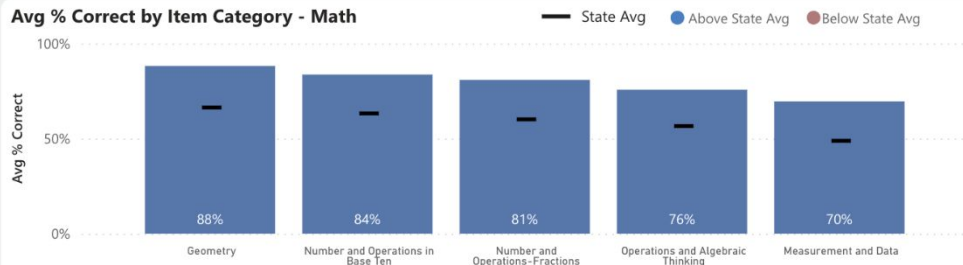
6

7

8

10

Avg % Correct by Item Category - Math



Avg % Correct by

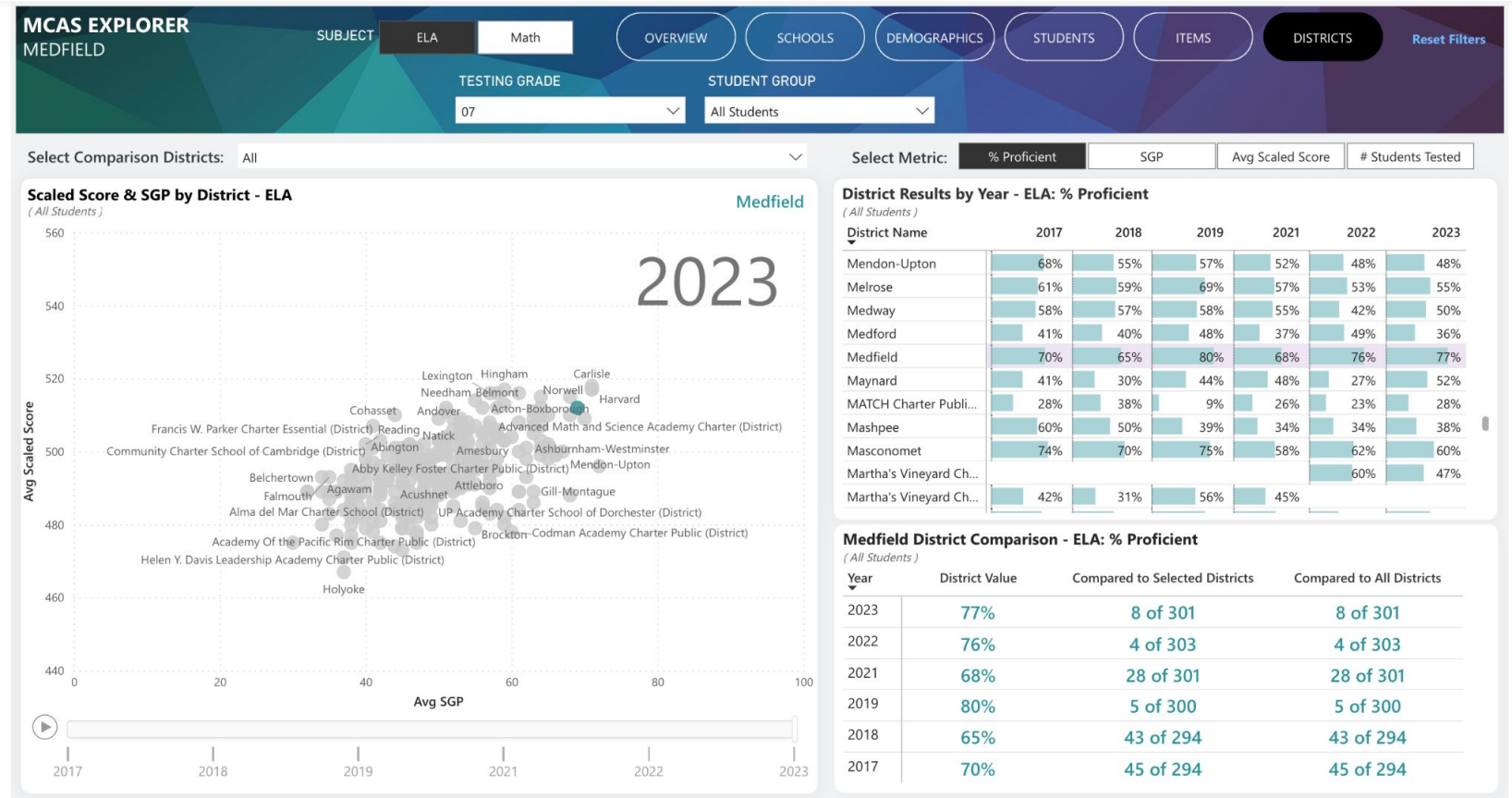


Assessment Item Details - Math (2023)

Click on assessment category or question to view student responses

Category	# Responses	Avg % Correct	State Avg % Correct	Variance from State	+/-
Geometry					
4th Grade					
4.G.A.1					
05. Identify the number of acute angles in a given figure.	197	84%	62%		+21%
21. Identify which visual representation of an angle is an obtuse angle.	197	96%	84%		+12%
4.G.A.2					
07. Determine which given shape is a quadrilateral with perpendicular sides.	197	78%	58%		+20%
32. Identify shapes that contain right angles.	197	94%	76%		+18%
4.G.A.3					

MCAS Explorer- District Comparison



2023 MCAS Results

Reactions? Questions? Comments?

Inclusivity-Respect-Responsibility-Continuous Growth

% Proficient Ranking Comparisons– Peer Districts

Assessment (all students)		Medfield Ranking	Dover-Sherborn Ranking (HS Only)	Westwood Ranking	# of Districts Statewide
Grades 3-8	<i>ELA</i>	11	–	15	352
	<i>Math</i>	16	–	12	352
	<i>Science</i>	19	–	16	349
Grade 10	<i>ELA</i>	24	20	40	302
	<i>Math</i>	21	4	29	302
	<i>Science</i>	3	3	20	300

Top 10	Top 25	Below 25
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