

Board of Trustees ED Report

October 27, 2022



AMSA

ADVANCED MATH & SCIENCE ACADEMY

INTEGRITY • EXCELLENCE • COMMUNITY

Overview of Report

- MCAS Update
- Enrollment and Attrition Update
- Building Update
- Capital Campaign Update
- Upcoming Events
- Razzle Dazzle Time

MCAS Summary 2022



10th Grade English Language 2022 MCAS Results

Next Generation MCAS Tests 2022

Percent of Students at Each Achievement Level for Advanced Math and Science Academy Charter (District)

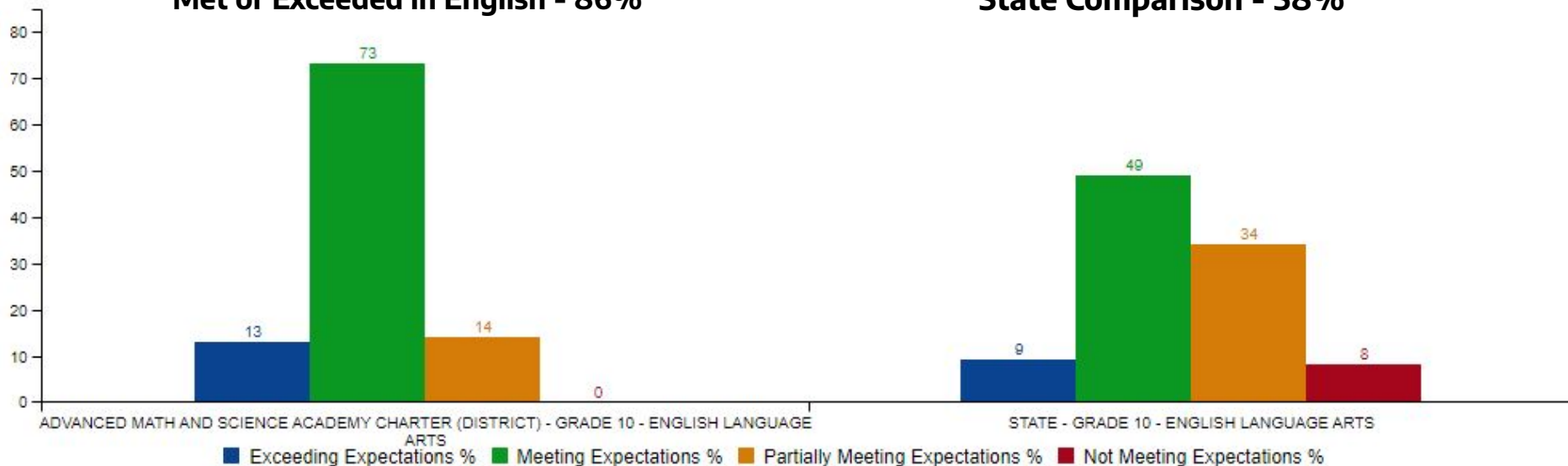
Data Last Updated September 29, 2022.



[More about the data](#)

Met or Exceeded in English - 86%

State Comparison - 58%



10th Grade Math 2022 MCAS Results

Next Generation MCAS Tests 2022
Percent of Students at Each Achievement Level for Advanced Math and Science Academy
Charter (District)

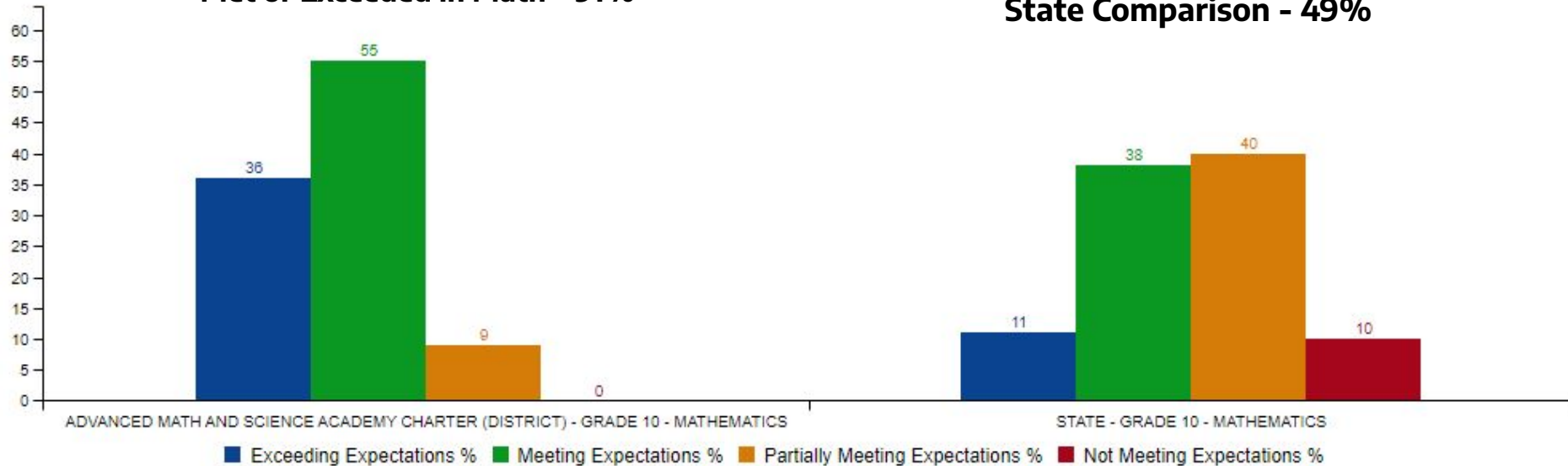


Data Last Updated September 29, 2022.

[More about the data](#)

Met or Exceeded in Math - 91%

State Comparison - 49%



10th Graders Class 2024	AMSA 2022 Exceeded % / Met %	State 2022 Exceeded % / Met %	AMSA 2021 Exceeded % / Met %	State 2021 Exceeded % / Met %
English Language	13% / 73%	9% / 49%	30% / 57%	19% / 45%
Total % E/M	86%	58%	87%	64%
Math	36% / 55%	11% / 38%	35% / 53%	11% / 41%
Total % E/M	91%	49%	88%	52%

- Points to Consider:**
- In 2022, AMSA outperformed the State by 28% in English and 42% in Math
 - In 2021, AMSA outperformed the State by 23% in English and 36% in Math
 - The GAP between AMSA and the State has grown by 5% in English and 6% in Math between 2022 and 2021
 - % of “Exceeded” scores in English decreased by 17% between Class of 2024 and Class of 2023 although total % of Ex/Met are nearly the same 86% - 87%. (see slide #9 for 7th grade comp)

AMSA Class of 2024 - Growth Comparison between 10th and 7th Grades

Subject Area	AMSA Class of 2024 - 10th Grade (2022)	AMSA Class of 2024 - 7th Grade (2019)
	Exceeded % / Met %	Exceeded % / Met %
English Language	13% / 73%	12% / 62%
Total % E/M	86%	74%
Math	36% / 55%	21% / 59%
Total % E/M	91%	80%

Points to Consider:

- English % of Exceeded increased by 1%, but there's an 11% increase from Needs Improvement to Met.
- **12% increase in Ex/Met in English between 7th & 10th Grade**
- Math % of Exceeded increased by 15%
- **11% increase in Ex/Met between 7th grade & 10th grade**

* Class of 2024 did not take MCAS in 8th grade due to Covid cancellation by State

Enrollment and Attrition Update

2021 - 2022

Student Enrollment 2022-2023

Total Enrollment:

2017-2018	984
2018-2019	973
2019-2020	966
2020-2021	966
2021-2022	966
2022-2023	966



Claire, Harvey, and Murphy Linzey

Enrollment by Grade

- 6th - 142
- 7th - 141
- 8th - 142
- 9th - 138
- 10th - 131
- 11th - 129
- 12th - 144



Enrollment by Town 2022 - 2023

- **Marlborough** **517** (54%)
- **Hudson** **196** (20%)
- **Clinton** **78** (8%)
- **Maynard** **59** (6%)
- **Other** **116** (12%)

	2018-19	2019-20	2020-21	2021-22	2022-23
Marlborough	546	542	484	492	517
Hudson	131	129	174	193	196
Clinton	73	70	85	86	78
Maynard	54	52	66	64	59
Others	162	172	157	133	116

Attrition 2021 - 2022

Class of	Total	Return to Sending District	Move within State	Move out of State	Private	Assabet	MAMS	Home- school	Dropout	Out of USA
2028	5	4		1						
2027	1			1						
2026	13	6	1		1	5				
2025	3	1		1	1					
2024	6				2		3			1
2023	1		1							
2022	0									
Totals	29	11	2	3	4	5	3	0	0	1

Attrition 2020 - 2021

Class of	Total	Return to Sending District	Move within State	Move out of State	Private	Assabet	MAMS	Home- school	Dropout	Out of USA
2027	0									
2026	4	3	1							
2025	11		1	1		9				
2024	5	1			4					
2023	9	4	1		1		3			
2022	4	1	1	1	1					
2021	0									
Totals	33	9	4	2	6	9	3	0	0	14

Waitlist Report 2022 - 2023

	Grade 6	Grade 7	Grade 8	Grade 9
Sibling	0	3	10	0
Core Town	135	68	65	33
Non Core Town	184	103	83	141
Total	319	174	158	174

Total Students on Waitlist - 825

(#432 - 10/28/21)

Building Update

November is a VERY important month!

- **November 4th** - **Cost Estimates** due - contractor (WT Rich)
- **November 7th** - Boston Private (SVB) **new appraisal due**
- **November 10th** - Facilities Task Force Meeting
- **November 15th** - **Finance Committee** to review cost estimates
- **November 17th** - ***SPECIAL Board Meeting to approve DESIGN and COST ESTIMATES***

Imagine Campaign Kick-off (set up photos)



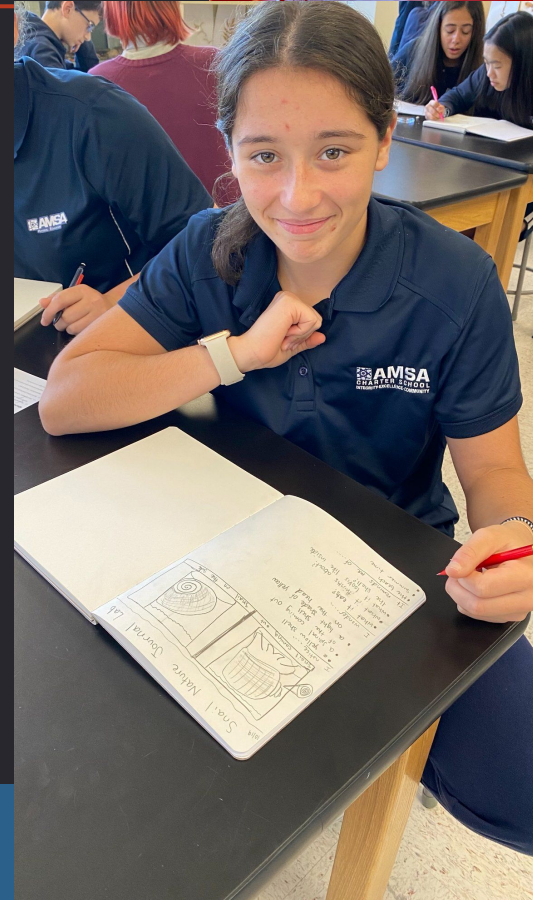
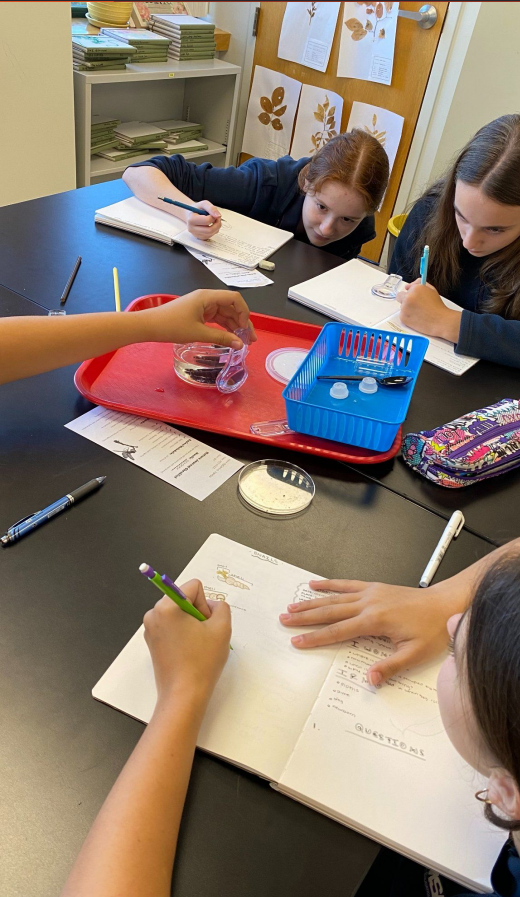
New Director of Development - Marcy Eckel



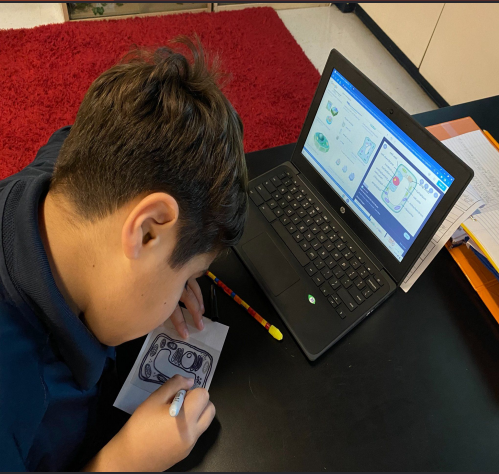
- **Start date:** October 31st
- **Working with:** Development Committee, Imagine Committee, and all members of our community!
- **Past experience:** Concord Free Public Library, Arlington Catholic HS, Boston Symphony Orchestra (15+ years experience)

Razzle
Dazzle

8th Graders Investigate Mollusks!



7th graders in Ms. Thibault's and Ms. Teare's Biology classes made Shrinky Dinks to "cell"ebrate cells!



Upcoming Events

- **Holiday Staff Party** - December 13th @ 4pm
- **Accepting Lottery Applications** - November 18th to February 3rd
- **Arts Night:** Tuesday, January 24th
- **Board Strategic Planning:** Saturday, January 28th

Go Eagles!!

Q&A

