

Board of Trustees ED Report

October 28, 2021



AMSA

ADVANCED MATH & SCIENCE ACADEMY

INTEGRITY • EXCELLENCE • COMMUNITY

Overview of Report

- Back-to-School Update
 - November 17th Professional Development
- MCAS Update
- Enrollment and Attrition Update
- Building Update
- Upcoming Events
- Razzle Dazzle Time

Back-to-School Update

- It has been wonderful to have our staff and our students back and in person!
- Our teachers and our counselors have been working very hard - and our students have energetically embraced their return to school
- We love the passion and the energy!

Back-to-School Update (cont)

While excited about being back in school, we are also seeking to address 3 important concerns that have been raised:

1. Student behavior, particularly in the Lower School
2. Teacher stress and burnout concerns
3. Learning gaps as a result of remote/hybrid learning

*All of these concerns are related and all our fundamental to everything we do as a school - they are related to our long term **AMSA 2025 Project***

To address these concerns we are:

- Openly acknowledging the problem and the bumpy start we are having
- Working with our administrators, department chairs, teachers, and counselors to develop immediate and long-term solutions
- **Pivoting** from our original plans for our November 17th PD - we will now **focus on student behavior and teacher stress** (Department chairs will be working with their teams on learning gaps)

Professional Development - November 17th

- At our November 17th PD, we hope to send a message of openness, trust, support, and community (one of our core values!)
- We want everyone to know that we can collectively address these concerns and can work together in a non-judgemental way to solve them
- We are also hoping to offer our staff a clear sense of direction (as to how we can address these concerns) and a **“tool-kit”** of actionable and accessible ideas

MCAS Summary 2021



2021 MCAS - What was different for 10th graders?

- MCAS canceled in 2020 and then students remote for a year
- In-person students took the MCAS, those remote had a choice to take exam or defer to fall - 27 deferred
- In-person students tested in classrooms, remote students tested in the cafeteria
- MCAS is NOT being used for accountability only for academic planning purposes

*The Massachusetts Department of Elementary and Secondary Education did not issue school, district, or state accountability determinations in 2021. 2019 accountability determinations are posted on the DESE website.

Massachusetts School and District Profiles
Advanced Math and Science Academy Charter School

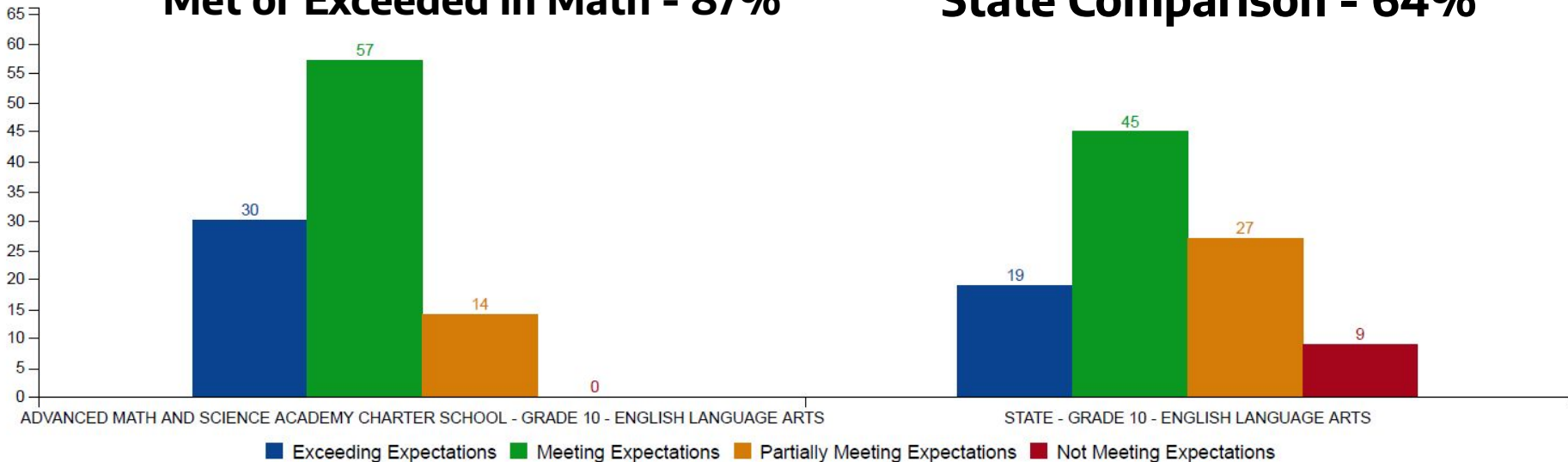
Next Generation MCAS Tests 2021
Percent of Students at Each Achievement Level for Advanced Math and Science
Academy Charter School

Data Last Updated September 21, 2021.

[More about the data](#)

Met or Exceeded in Math - 87%

State Comparison - 64%



Massachusetts School and District Profiles

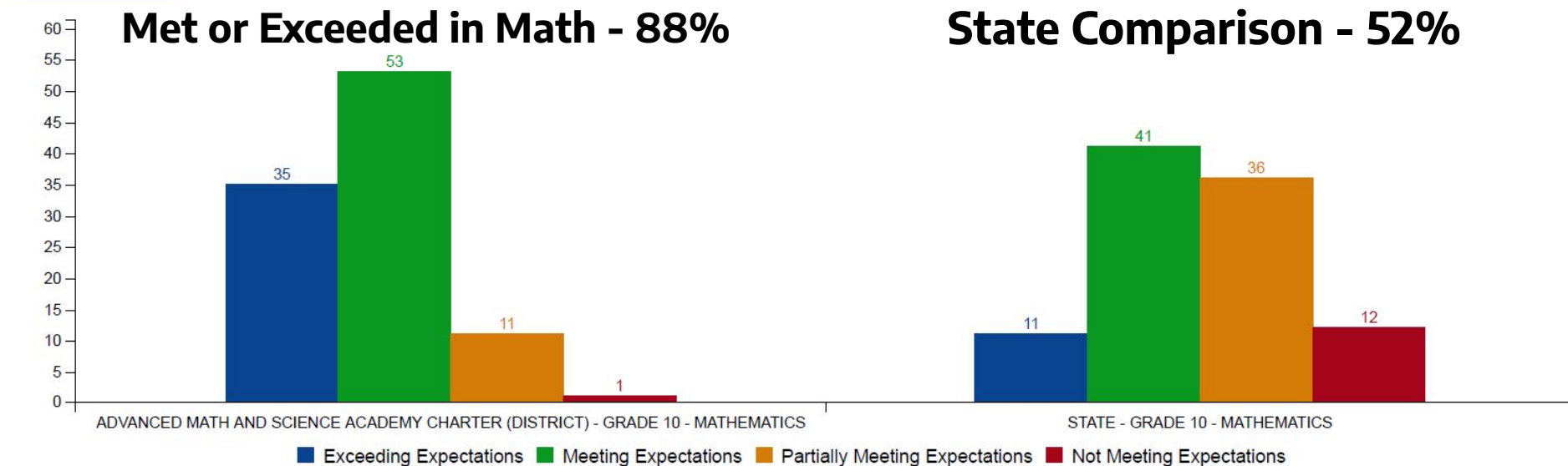
Advanced Math and Science Academy Charter (District)

Next Generation MCAS Tests 2021

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

Data Last Updated September 21, 2021.

[More about the data](#)



Enrollment and Attrition Update

2021 - 2022

Student Enrollment 2021-2022

Total Enrollment:

2017-2018 984

2018-2019 973

2019-2020 966

2020-2021 966

2020-2021 966



**Oliver, Henry, and Maddy
Linzey**

Enrollment by Grade

- 6th - 134
- 7th - 142
- 8th - 129
- 9th - 134
- 10th - 140
- 11th - 143
- 12th - 144

Enrollment by Town 2021 - 2022

- **Marlborough** **492** (51%)
- **Hudson** **192** (20%)
- **Clinton** **86** (9%)
- **Maynard** **64** (6%)
- **Other** **133** (14%)

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

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	16

Attrition 2019 - 2020

Class of	Total	Return to Sending District	Move within State	Move out of State	Private	Assabet	MAMS	Home- school	Dropout	Out of USA
2026	0									
2025	3	3								
2024	13	2		1	2	7				1
2023	4	2	1		1					
2022	6				1		5			
2021	1	1								
2020	0									
Totals	27	8	1	1	4	7	5	0	0	1

Waitlist Report 2021 - 2022

	Grade 6	Grade 7	Grade 8	Grade 9
Sibling	0	3	0	0
Core Town	22	30	31	0
Non Core Town	126	78	59	83
Total	148	111	90	83

Total Students on Waitlist - 432

Building Update

- **Congratulations and thank you for your work in acquiring 199 and 201 Forest Street!! Woohoo!!**
- Planning is in full-swing and moving quickly
- Setting up project cost tracking system with the OPM
- Architects met with academic chairs on 10/27 for visioning exercise
- Staff visioning survey going out soon



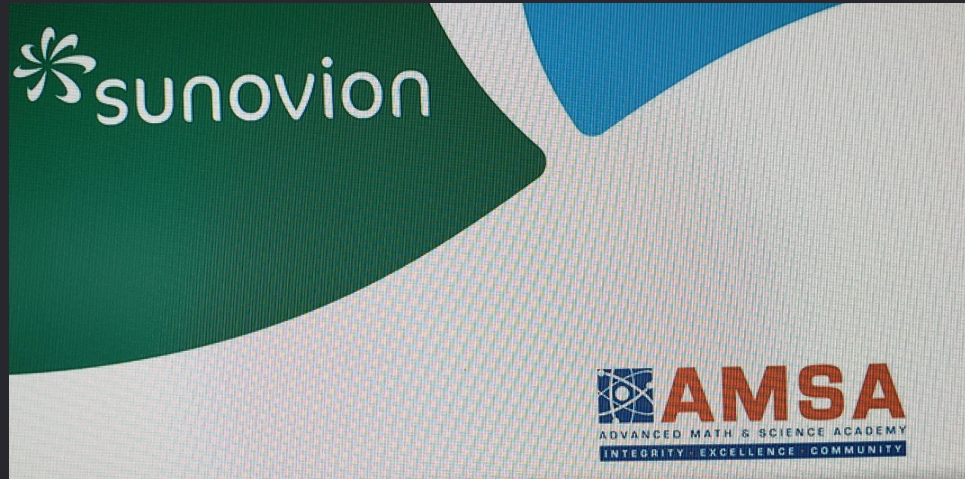
Razzle



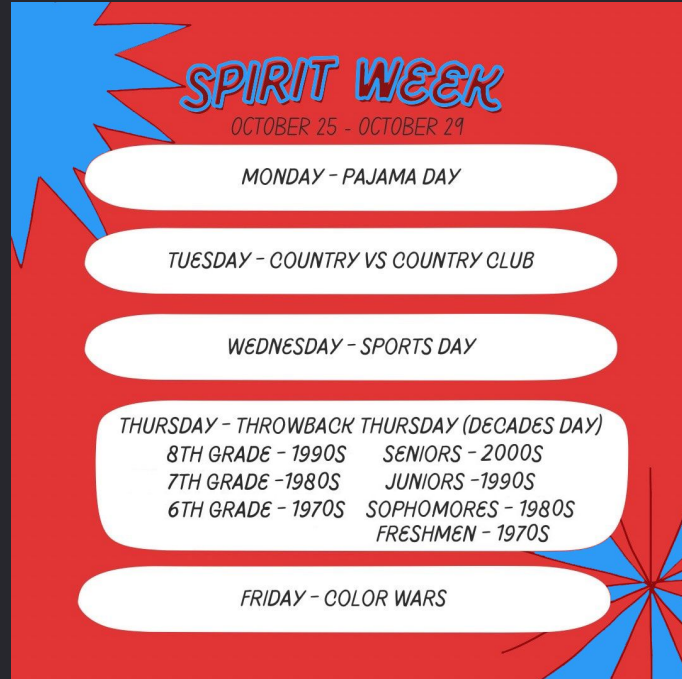
Dazzle

Sunovion Internship - Spring 2021

[Sunovion and AMSA Internship 2021](#)



Spirit Week!!!











Upcoming Events

- **Color Wars** - Tomorrow!! Will the Red Team WIN?? Go Seniors!!
- **Virtual Family Forum** - Wednesday, November 3rd @ 9:00am
- **Holiday Staff Party** - December 14th @ 4pm
- **Accepting Applications** - Nov 23rd - February 4th
- **Virtual Information Nights for Prospective Families** - Dec 1st, 8th and Jan 5th, 12th

Go Eagles!!

Q&A

