

# Math Corps @UToledo

Discover your greatness!!

# What is Math Corps?

Started in Detroit in 90's by two professors from Wayne State:



# Math Corps is about:

LOVING KIDS,

GIVING KIDS THE OPPORTUNITY TO DISCOVER THEIR GREATNESS,

MAKING KIDS FEEL IMPORTANT, CAPABLE, INDISPENSABLE PART OF THE SOCIETY,

MAKING KIDS BELIEVE THEMSELVES, THAT THEY CAN BE GREAT, IF THEY

WORK HARD,

SOCIAL JUSTICE, DIVERSITY AND INCLUSION

# Math Corps UToledo Coordinators



Debra Middleton,  
Program Coordinator  
UToledo



Dr. Funda Gultepe  
Executive Director  
UToledo



Dr. James Broda  
Program Dean  
Washington & Lee



# Math Corps UToledo 2022 summer camp was supported by;



*National Science Foundation (NSF) award (DMS-2137611) to The University of Toledo, Dr. Funda Gultepe, Department of Mathematics & Statistics. Dr. Gultepe is the Executive Director of the Math Corps at UToledo, 419.530.2996.*



# We started with a flier...



## The Math Corps at UToledo Summer Camp NOW ACCEPTING APPLICATIONS!



**Program Dates:**  
July 11-August 5, 2022

**Application Deadline:**  
JUNE 11, 2022

**Contact Information:**  
Dr. Funda Gultepe  
Executive Director, Math Corps at UToledo  
[mathcorps@utoledo.edu](mailto:mathcorps@utoledo.edu)  
office: 419.530.2996  
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**The Math Corps at UToledo** is a **FREE**, **four-week** Summer Camp for middle school students and high school mentors from **under-served communities** in the Toledo area.

The mission of the Math Corps is to empower and inspire children from under-served communities – through the teaching of mathematics and the fostering of self-worth, strong values and a sense of family – to build good lives for themselves and a more just society for all.

The goal of the Math Corps then, is to ensure that every child, while cared for and supported in the present, goes on to graduate high school, fully prepared to succeed in college or other rewarding endeavor.

The Math Corps at UToledo is about more than math skills: we prioritize mentorship through a kids-teaching-kids model, providing a positive learning environment and a strong sense of family!

To learn more about the Math Corps at UToledo Summer Camp and to apply, visit our website at: [utoledo.nsm/math-corps.edu](http://utoledo.nsm/math-corps.edu) or scan the QR code below:





COLLEGE OF NATURAL SCIENCES  
AND MATHEMATICS  
THE UNIVERSITY OF TOLEDO



Math Corps at UToledo is funded, in part, by a National Science Foundation (NSF) award (DMS-2137614) to The University of Toledo, Dr. Funda Gultepe, Assistant Professor, Department of Mathematics & Statistics.

Then a website..

<https://www.utoledo.edu/nsm/math-corps/>

Then we have emailed EVERYONE from: [mathcorps@utoledo.edu](mailto:mathcorps@utoledo.edu)

We used media: Toledo Blade, UT news

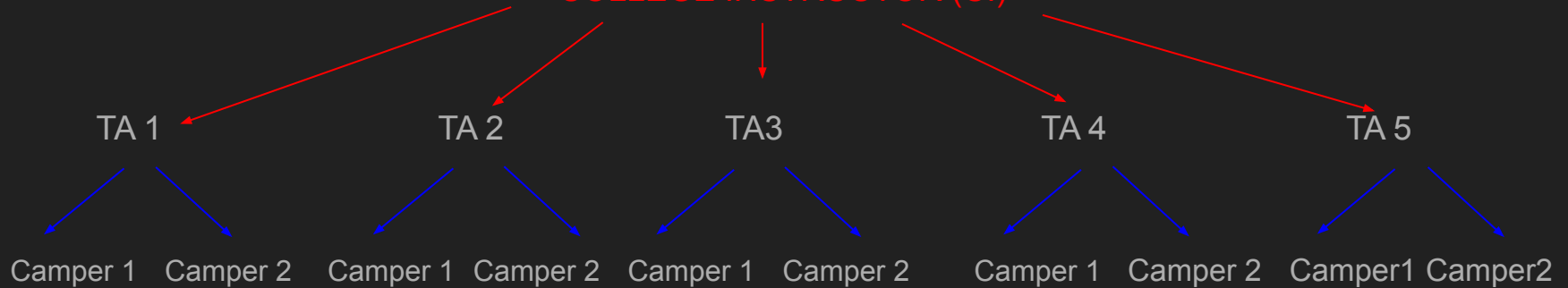
And social media: Facebook, Twitter,

# MATH CORPS UTOLEDO SUMMER CAMP

STARTED AS A 4 WEEK SUMMER CAMP IN 2022:

KIDS DIVIDED INTO 4 TEAMS OF :

COLLEGE INSTRUCTOR (CI)



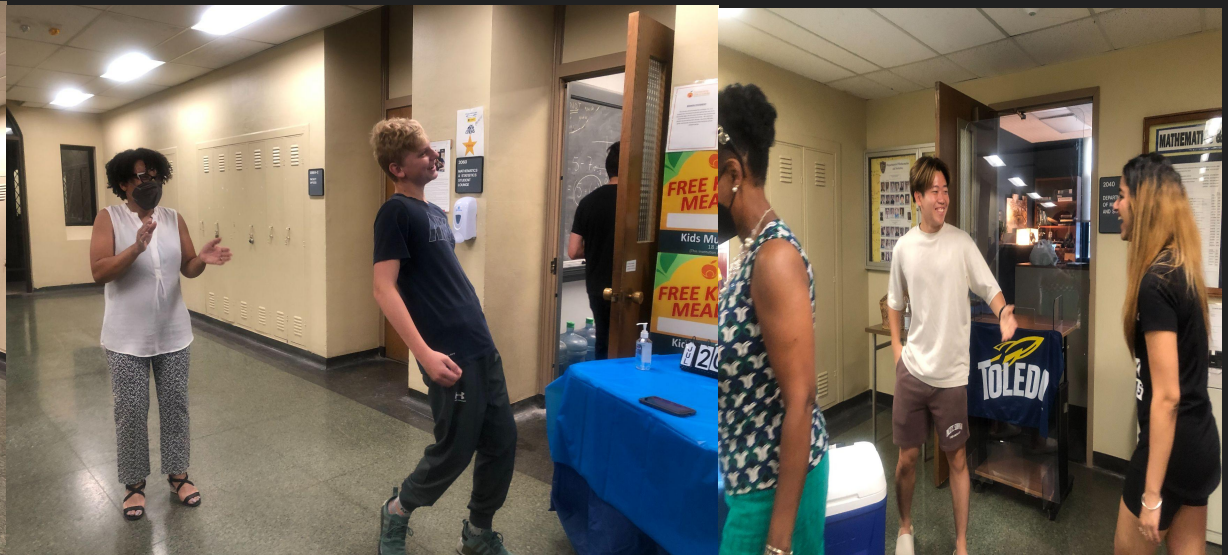
# DAILY SCHEDULE

MATH CORPS DAILY SCHEDULE FOR CAMPERS AND TAS

8:30-9:00	BREAKFAST AND GAMES <i>Room UH 2060</i>		
	STUDENTS	TAS	
9:00-9:25	Breakfast and Games <i>UH 2060</i>	Meeting with CIs <i>Rooms: Team Rooms (Below)</i>	
9:30-10:00	ASSEMBLY <i>UH 4010</i>		
10:05 - 10:55	TEAM TIME <b>Alpha (CI: Moira)</b> -- <i>Room UH 4440</i> <b>Beta (CI: Shivani)</b> -- <i>Room 4410</i> <b>Delta (CI: Ibrahim)</b> -- <i>Room 4480</i> <b>Gamma (CI: Cyrus)</b> -- <i>Room 4530</i>		
	GROUP 1	GROUP 2	
11:00-11:30	REAL NUMBERS <i>Room: UH 4440</i> Prof. Tao	OPERATIONS ON THE REAL NUMBERS <i>Room UH 4480</i> Prof. Ftaiha	
11:40-12:30	Connecting Kids to Meals LUNCH!!! -- @Phoenicia Lounge		
	Discovery 1	Discovery 2	TA's
12:40-1:30	Infinite series <i>Room:UH4410</i> Prof. El Khateeb	Symmetry <i>Room: UH4530</i> Prof. Gultepe	Algebra1 <i>Room: UH 4480</i> Prof. Ftaiha
			Algebra 2 <i>Room: UH 4440</i> Prof. Tao
1:35-2:30	Afternoon activities <i>Chess and Board games</i> <i>Room: UH 4530.</i>		Advanced course -- Discrete math <i>Room: UH 4480</i> Prof. Gultepe
2:35-3:00	HW help for Campers <i>Room UH 4410</i>		Debrief with CIs <i>Room 4480</i>
3:05-4:00	Additional Tutoring Room UH 4410		

# Math Corps Daily Schedule

8:30--9:30 breakfast and games, maybe some dancing afterwards..





## 9:30am: Assembly



At right Shania Rowe, 15, of Toledo holds up team Delta's mascots Ocean and Luna during Math Corps Summer Camp. (THE BLADE/JEREMY WADSWORTH) [Buy Image](#)

# 9:30 am Assembly





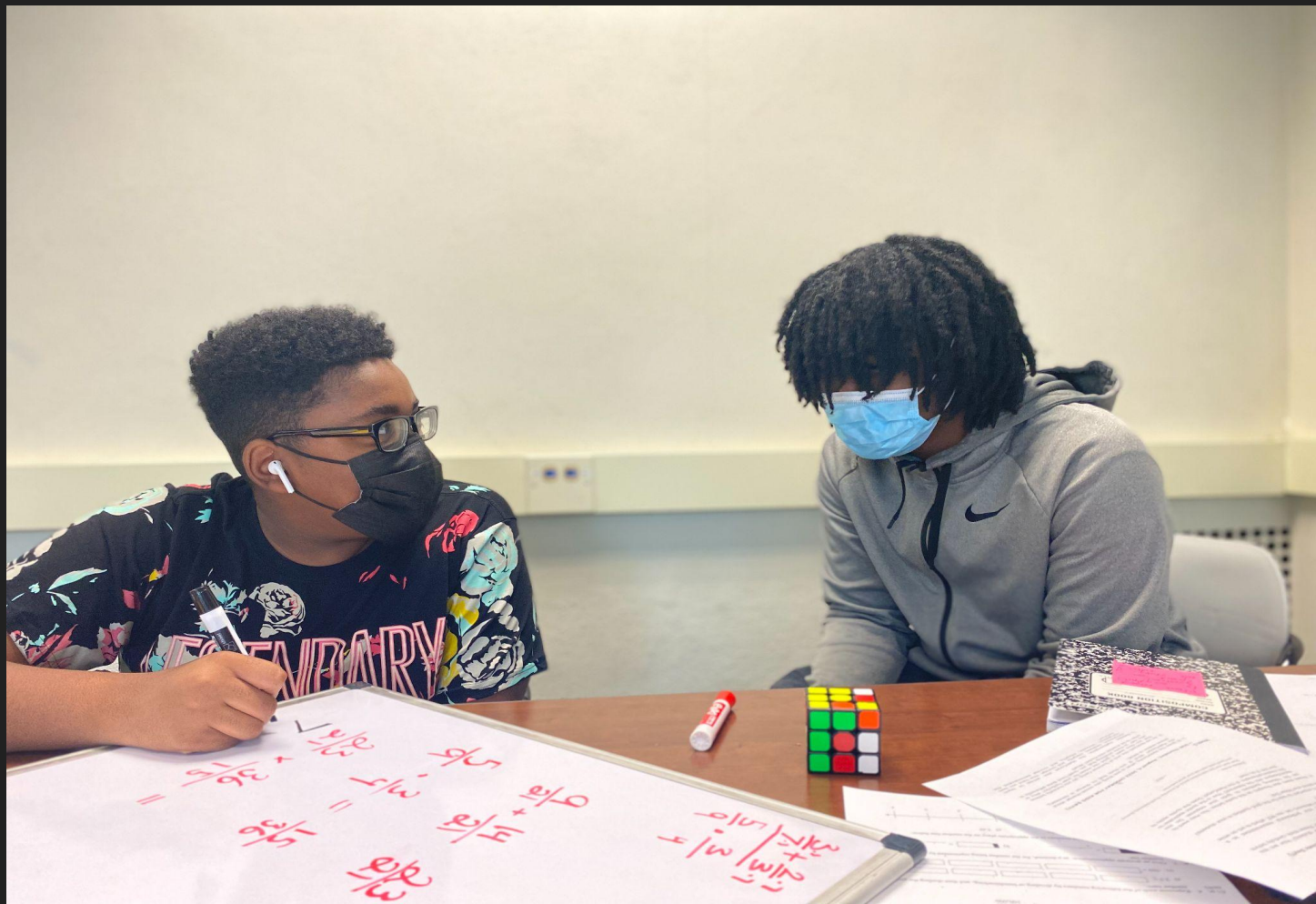
# 10:00–11:00 Team time



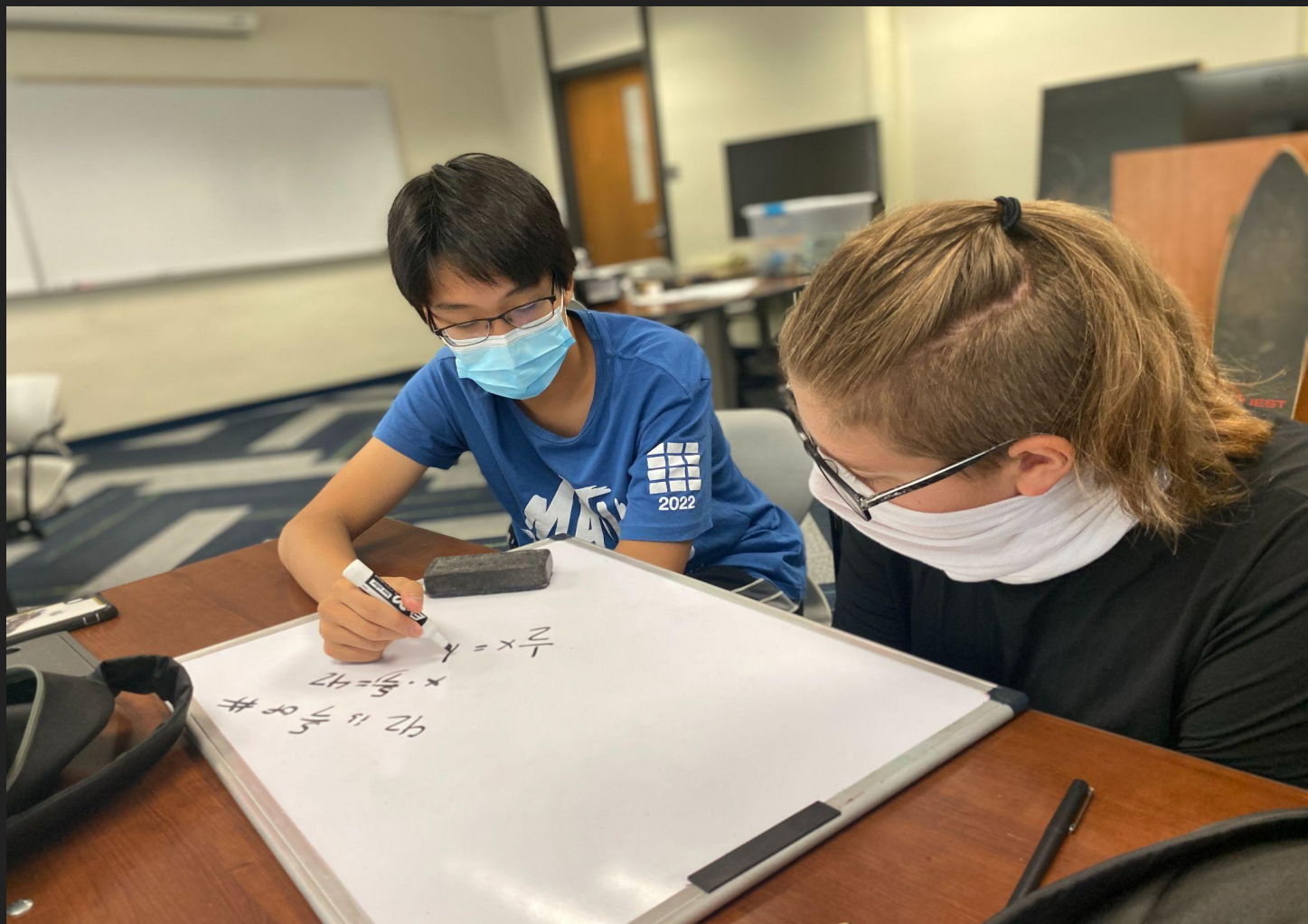
From left Jay Rice, 13, and Ka'laysia Polk, 13, both of Toledo, work on solving problems during Math Corps Summer Camp. (THE BLADE/JEREMY WADSWORTH) [Buy Image](#)



Teaching assist Michael Lin, left, helps Seamus Moore, 13, of Holland solving problems during Math Corps Summer Camp. (THE BLADE/JEREMY WADSWORTH) [Buy Image](#)













11:00am: Elementary lectures.  
12:00pm: Lunch time!



# Lunch @ Phoenicia Lounge





































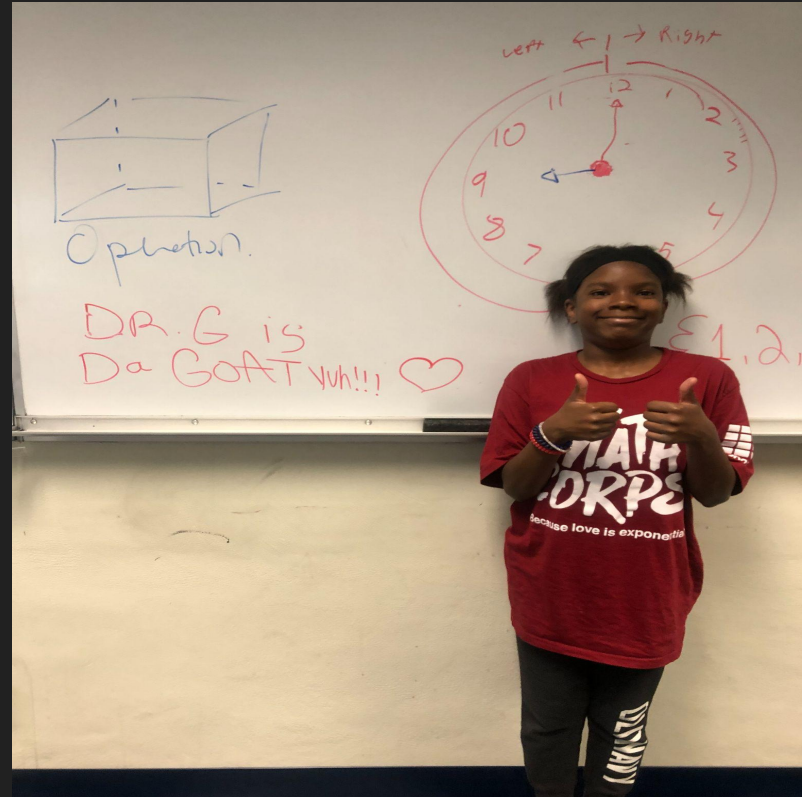
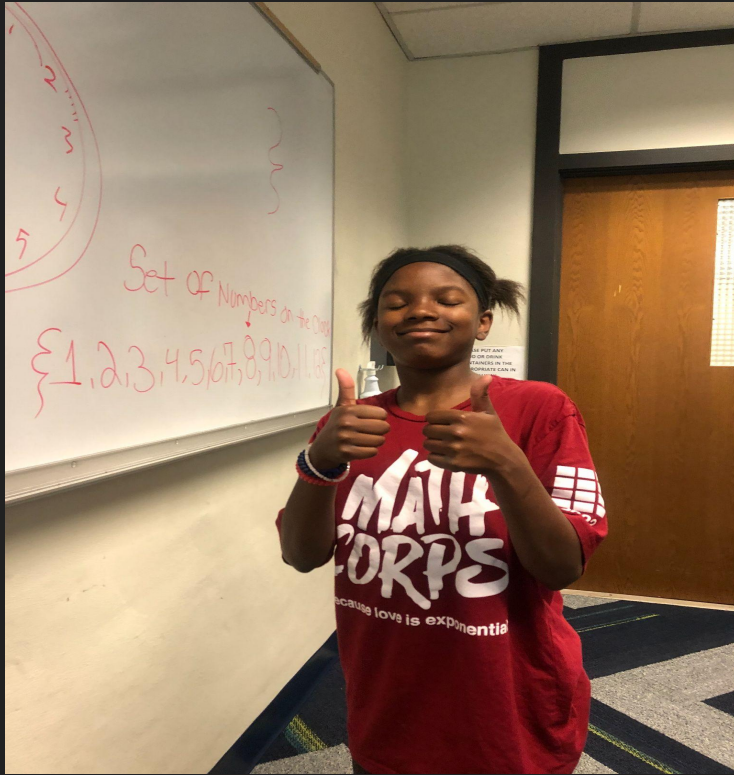


Back to Classes: 1:00pm





Discovery Classes for campers are in the afternoon...



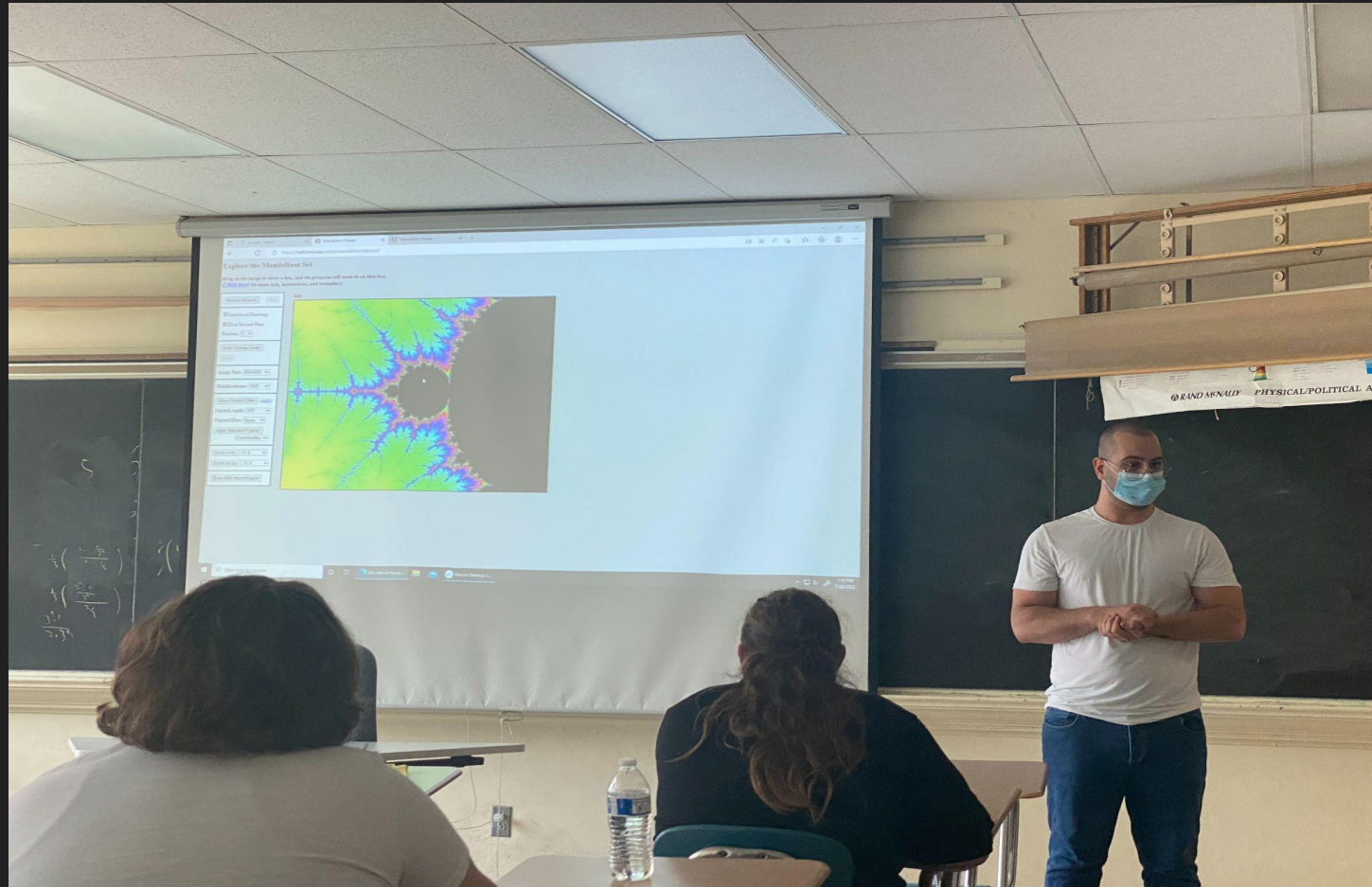
# Dr G's Symmetry class



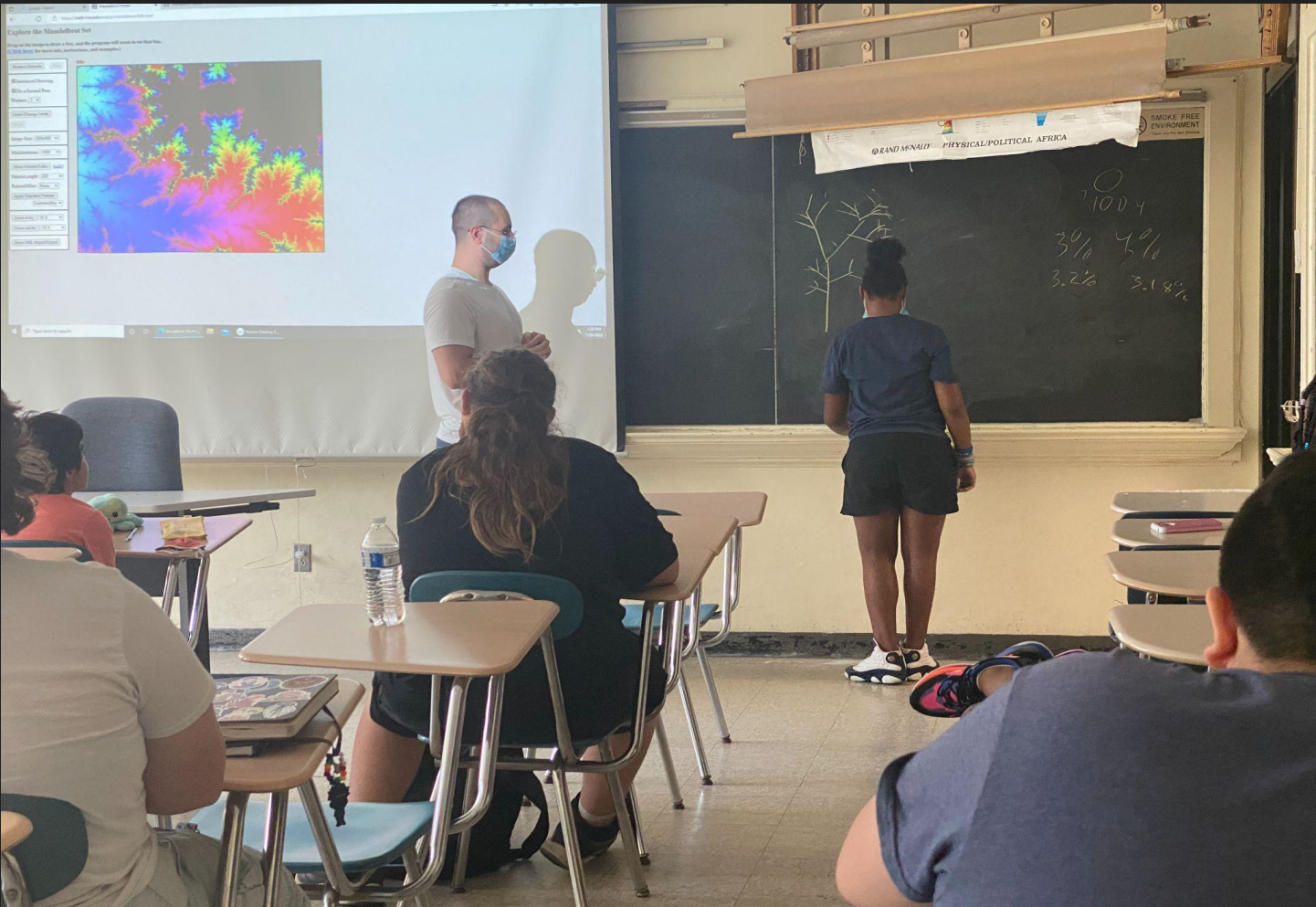




# Prof Wael's fractals class







# Mrs Khalood's Algebra 1 class





# Mrs Tao's Algebra 2 class







# We end the day with debriefings, Monday–Thursday

Some Fridays, we have EXTRA activities:











We had a lot of fun...

















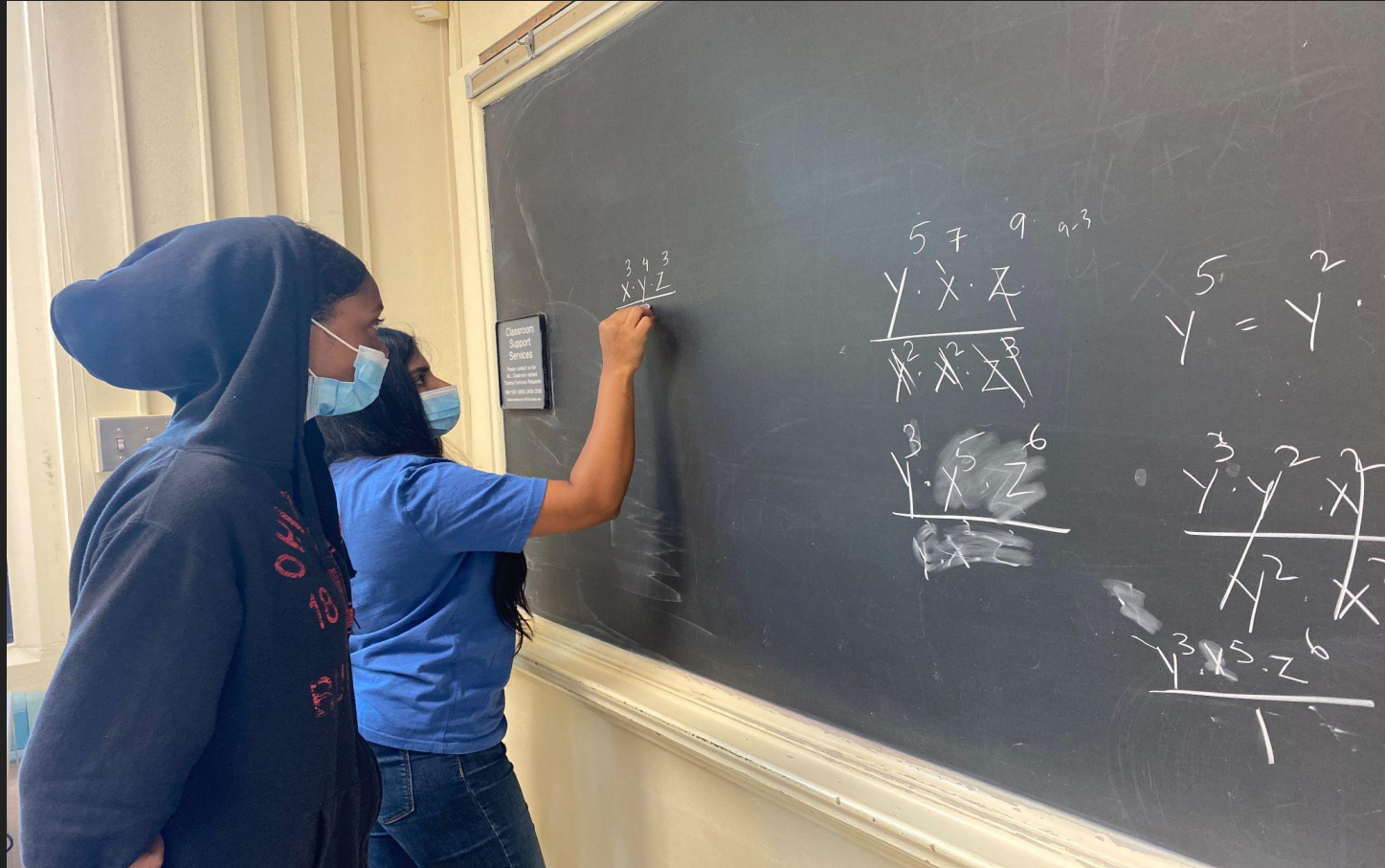


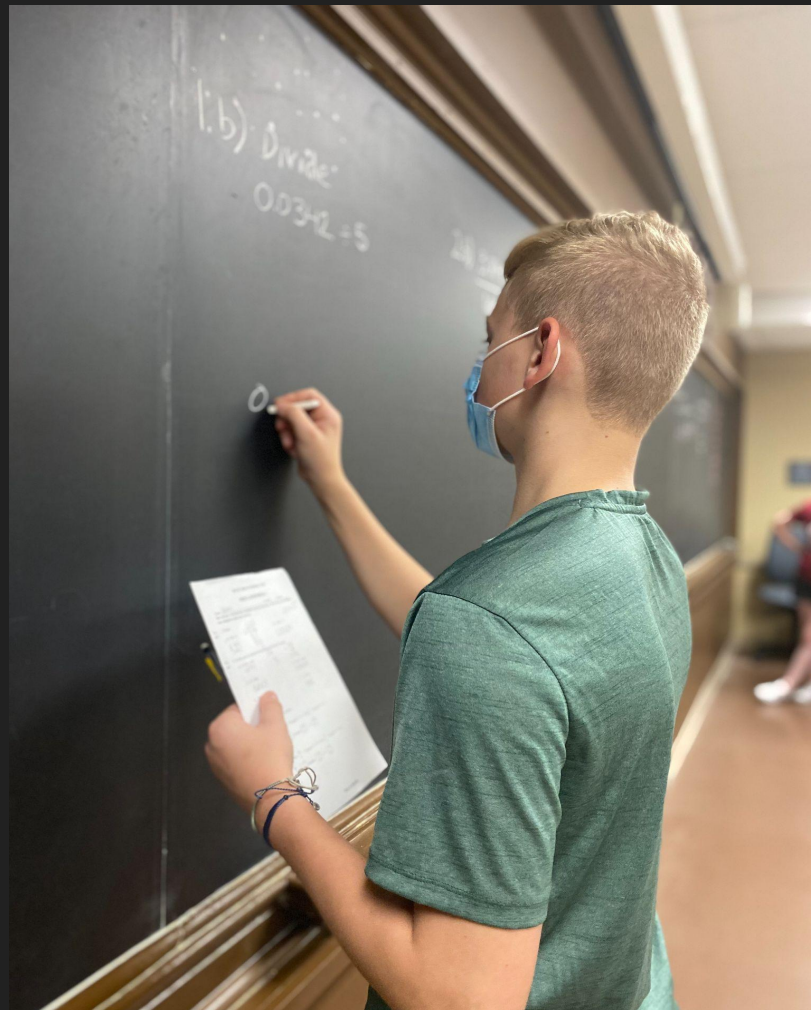






We studied hard too..

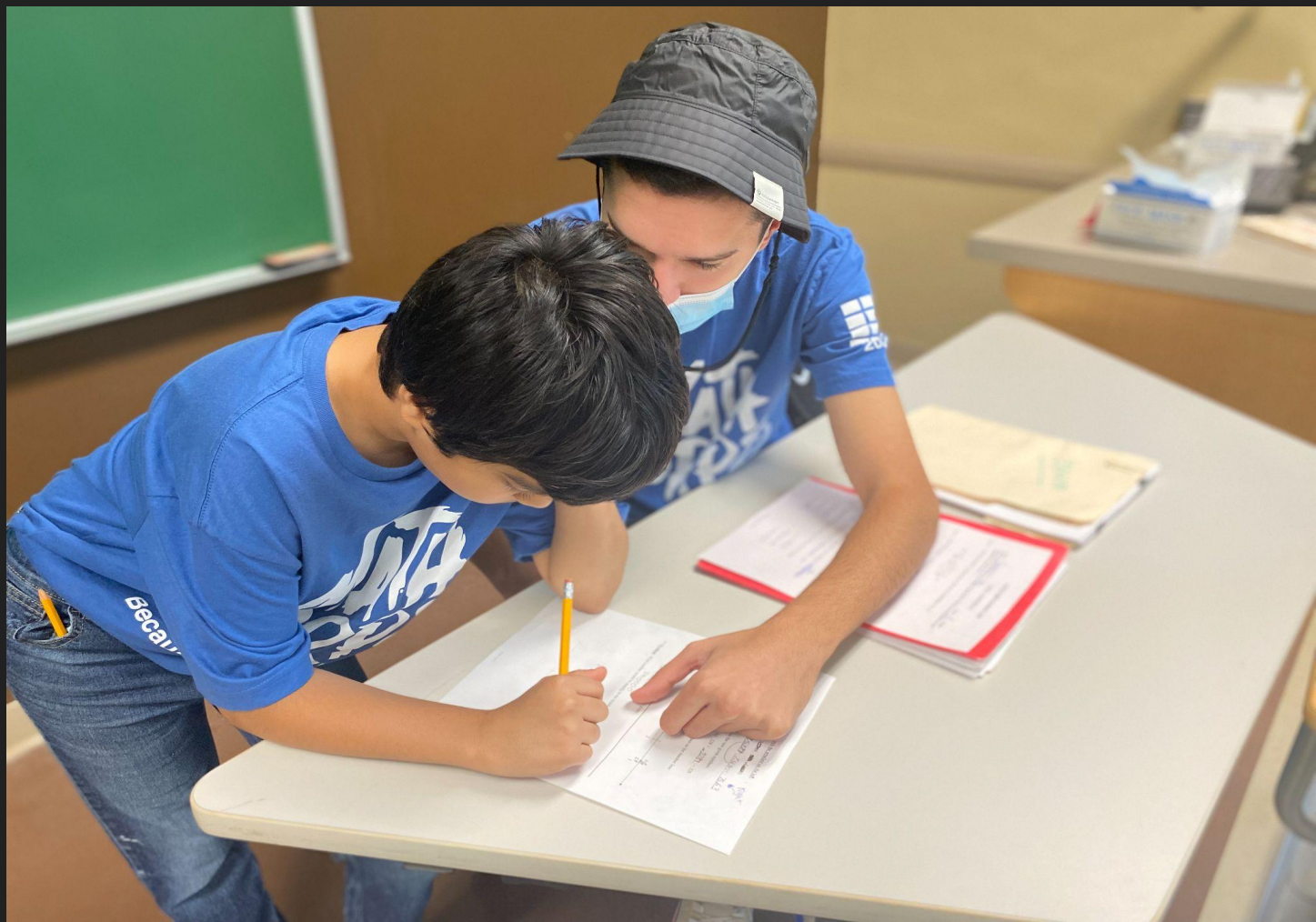




















ONE MORE WEEK  
TO GO !!  
DON'T GIVE UP !!







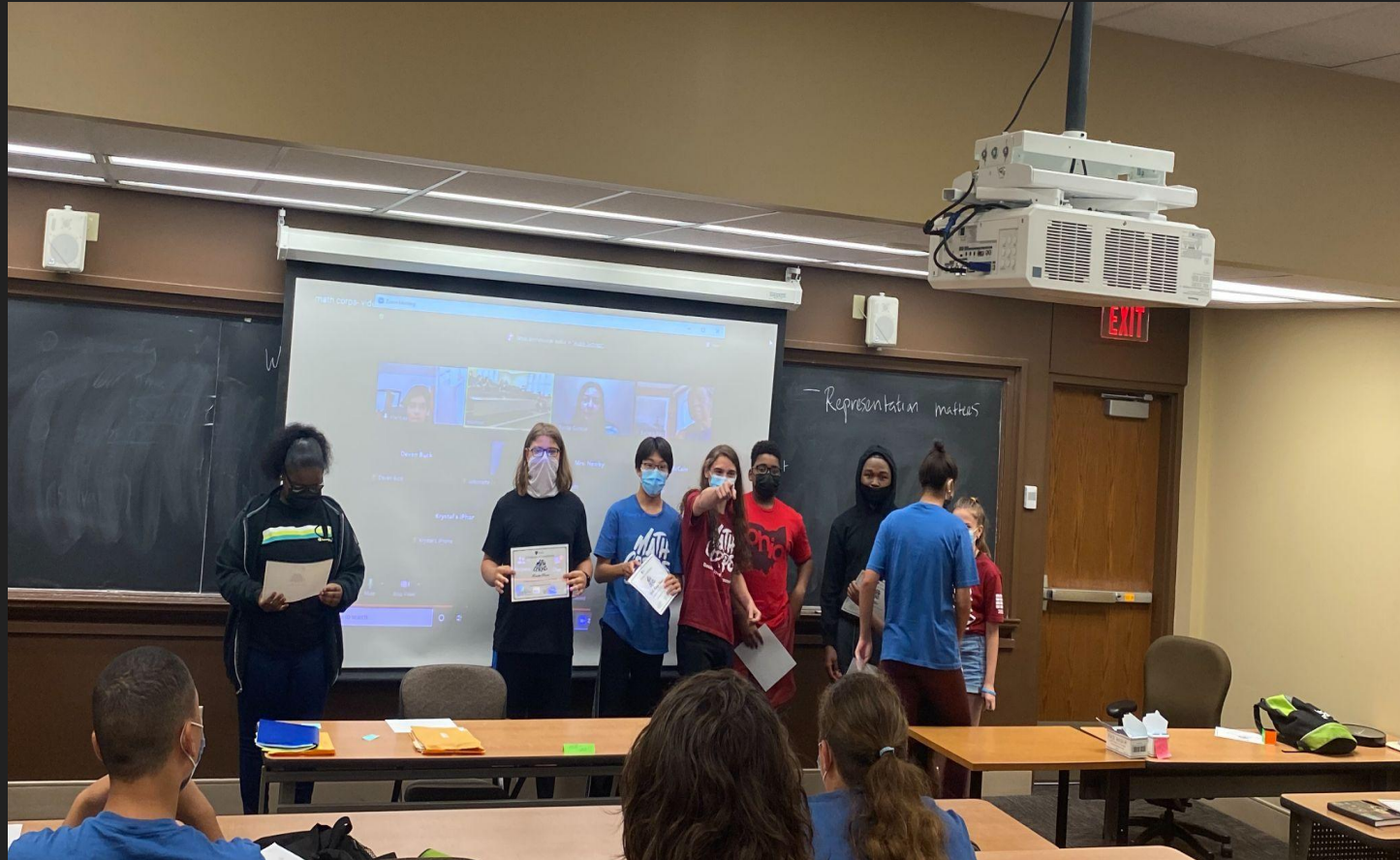


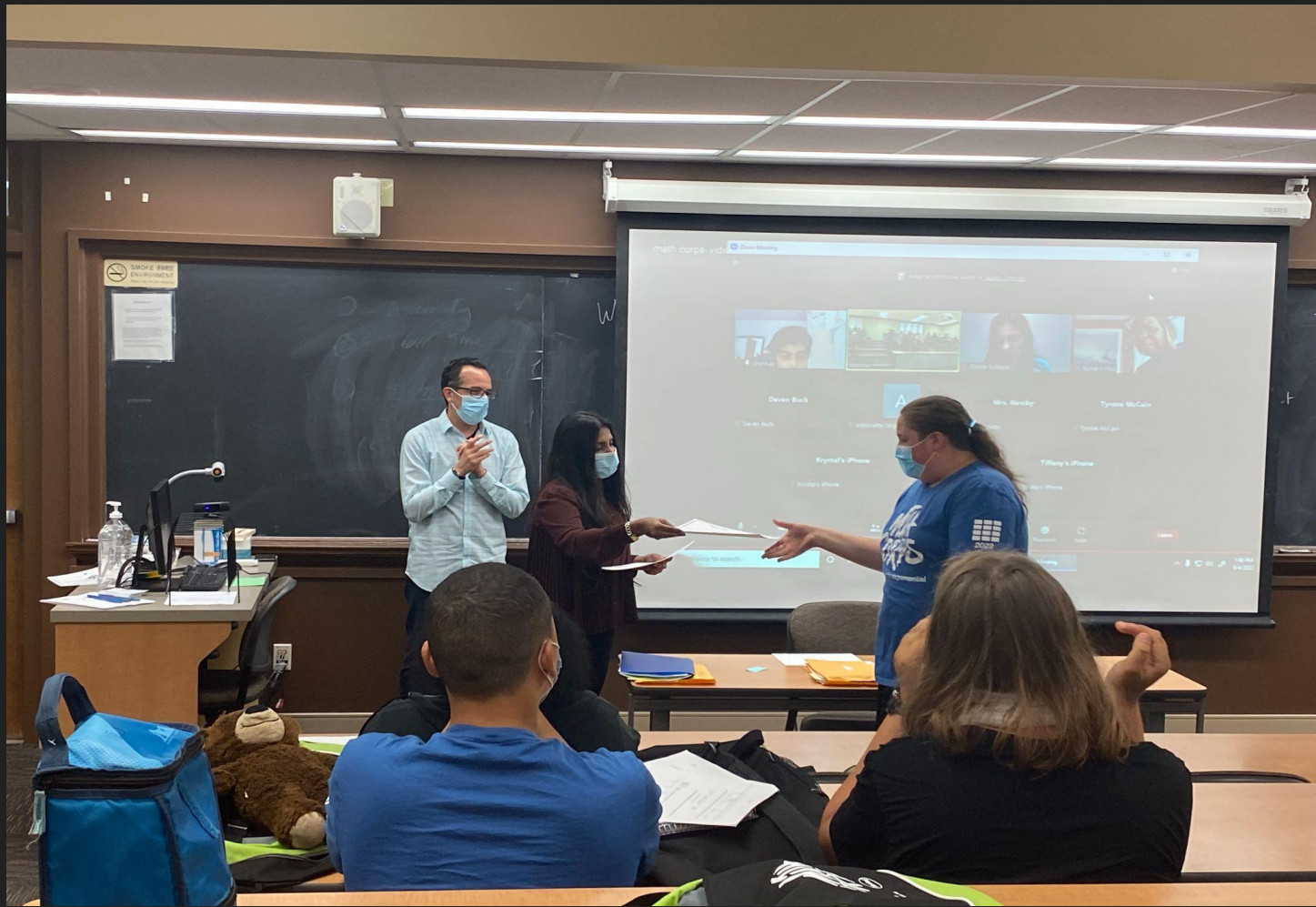
Here are our test scores:

	Pre-Test	Post-Test	...
7 <sup>th</sup> graders	%34.5	% 62.08	.
8 <sup>th</sup> graders	%45.25	% 82.5	.
9 <sup>th</sup> graders	%26.2	% 80.62	.



We celebrated at the closing ceremony..

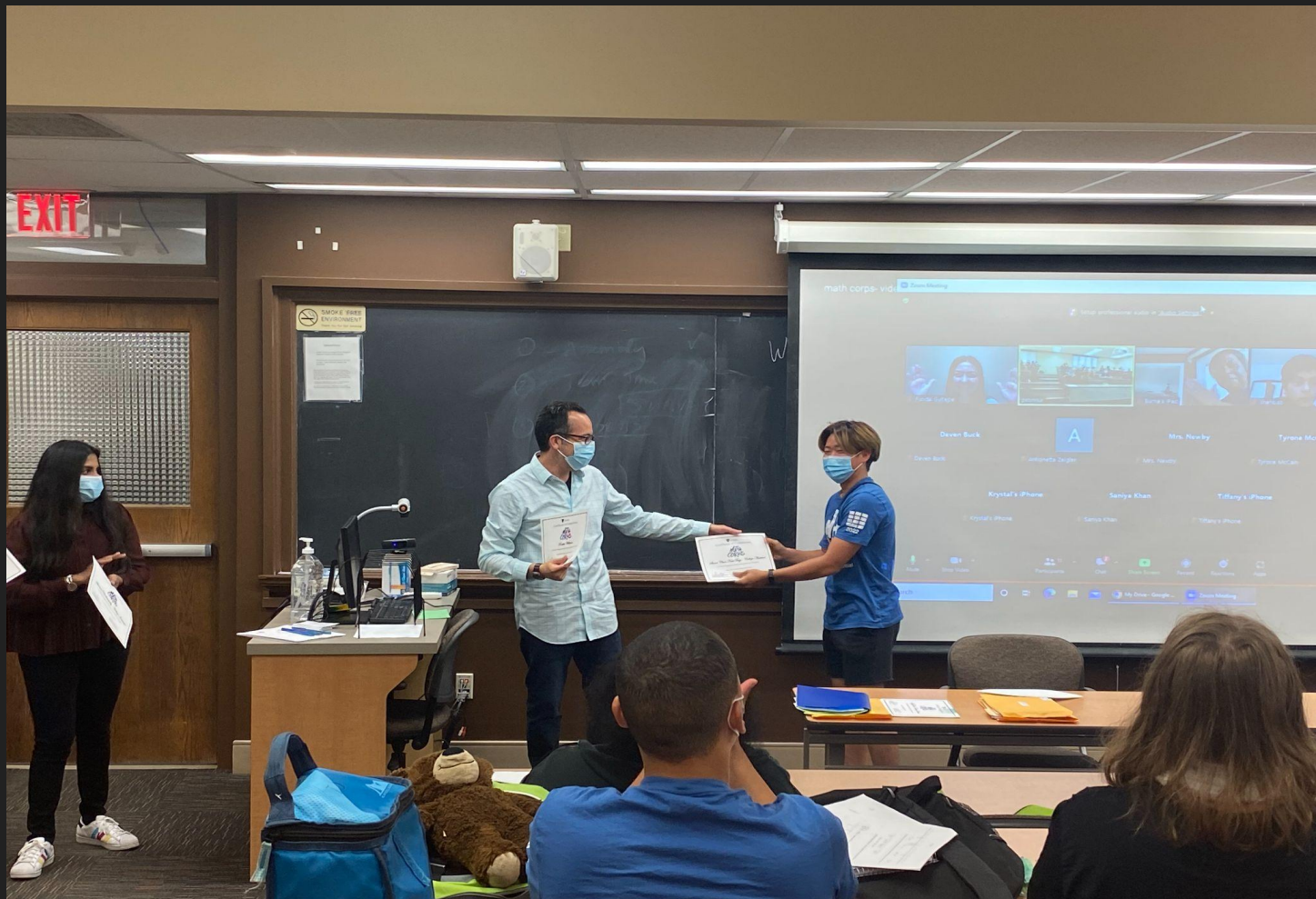






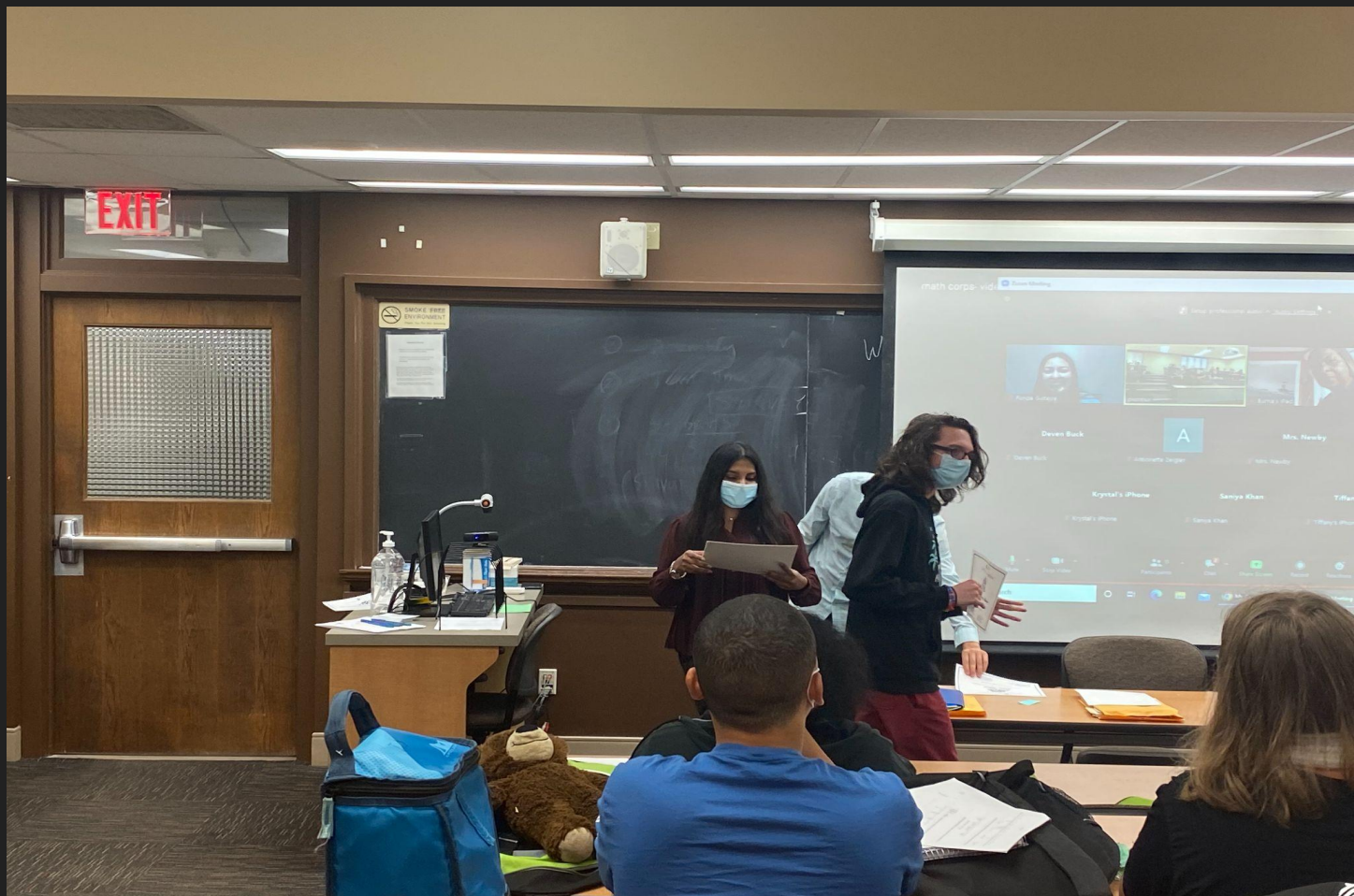






















Thank you very much for your attention!!



# Our Website:

<https://www.utoledo.edu/nsm/math-corps/>

Math Corps Detroit: <https://mathcorps.org/>

Also in:

1. Atlanta <https://mathcorps.org/atlanta/>
2. Ypsilanti <https://sites.lsa.umich.edu/math-corps/>
3. Dearborn/Michigan
4. Oakland/Michigan
5. Cleveland <https://www.mathcorpsclev.org/>
6. Philadelphia <http://mathcorpsphilly.org/>

