



June 22, 2024

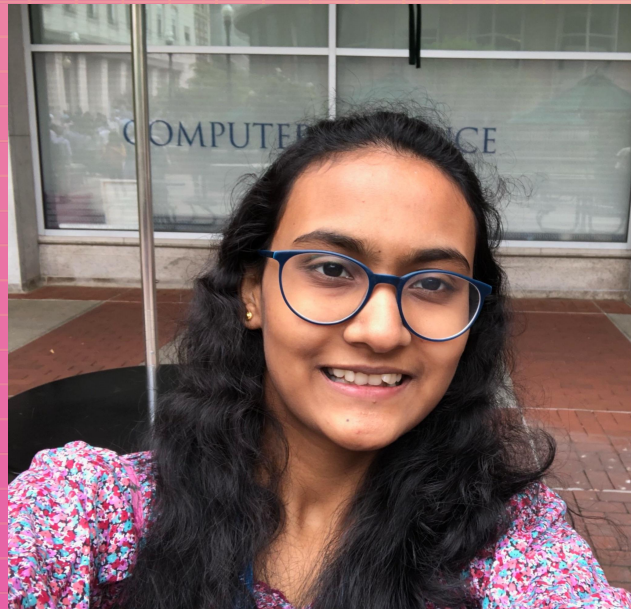
2024 Math and AI 4 Girls Awards Ceremony

Welcome, all!

For today, I would recommend having a pen, paper and phone ready!



About us: Presidents of MA4G



Chinmayi Goyal



Maggie Bai

Today's Agenda, part 1

Name	Activity
Maggie Bai, Chinmayi Goyal (Presidents of MA4G)	Introduction
Erica Attonito (Global Head of CMM Sales)	Congratulatory video to all participants
Angie Huang (Problem Set Team MA4G)	Interactive Activity 1
Team MA4G	Competition statistics and info
Meena Boppana (Math and Science educator)	Guest speaker

Today's Agenda, part 2

Name	Activity
Sophia Jin (Problem Set Lead MA4G)	Interactive activity 2
Neeti Mehta Shukla (Co-founder of Automation Anywhere)	Congratulatory video to all participants
Team MA4G	Announcement of winners
Maggie Bai, Chinmayi Goyal	Closing

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J.P.Morgan



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ANYWHERE
Go be great.



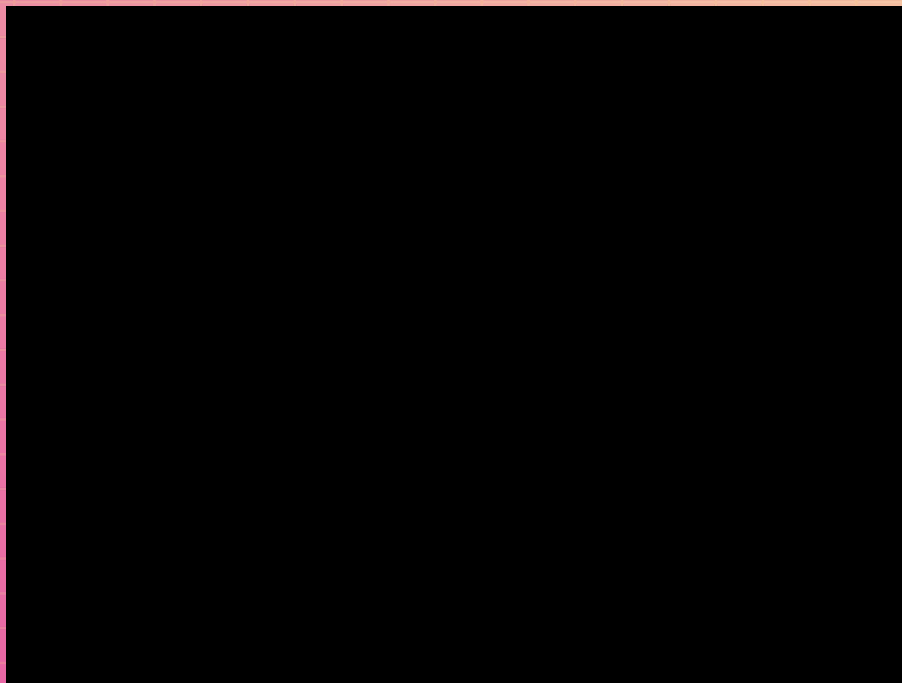
Hewlett Packard
Enterprise

DE Shaw & Co



Erica Attonito

Global Head of CMM Sales
Hudson River Trading



Let's play a game!
Test your math ability!

www.kahoot.it

Game pin: **4170632**

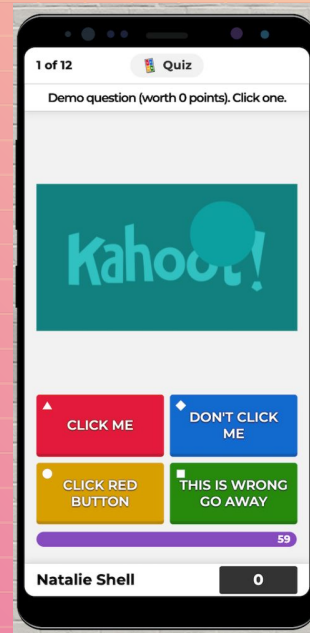
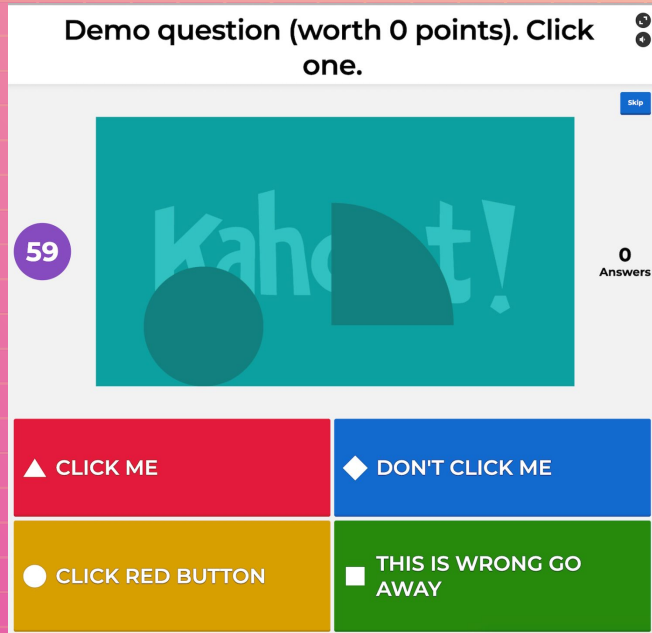
“Nickname”: Use your full, real name

Go to this website
on a separate device!

www.kahoot.it

Game pin: **4170632**

“Nickname”: Use your full, real name





Competition Data

58K+

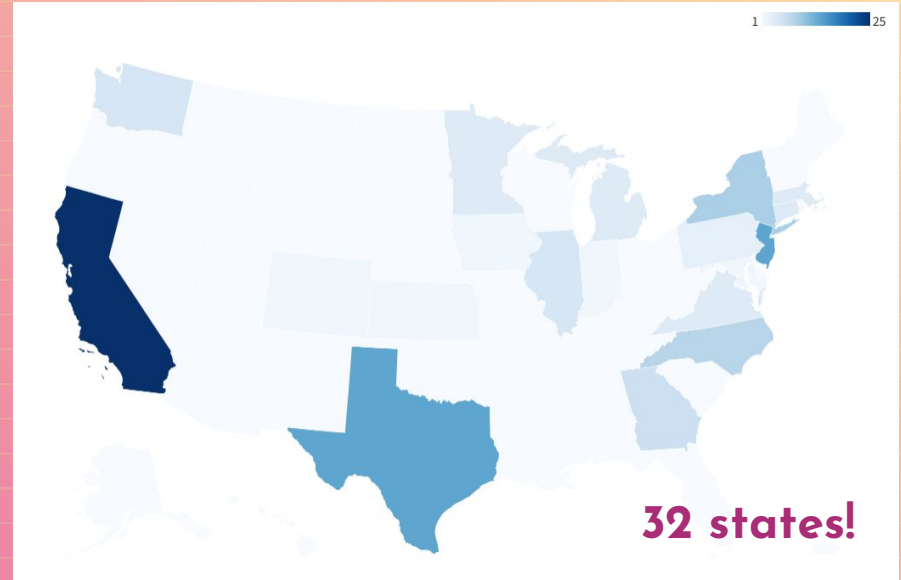
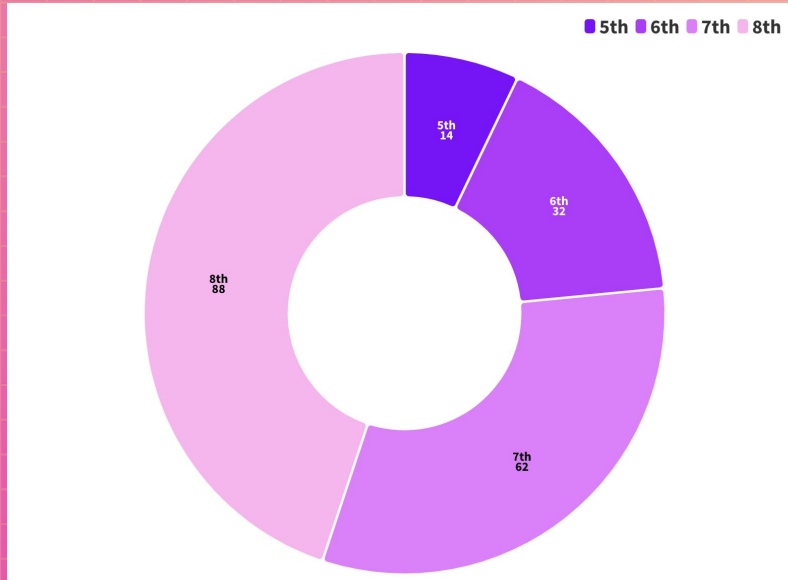


300+

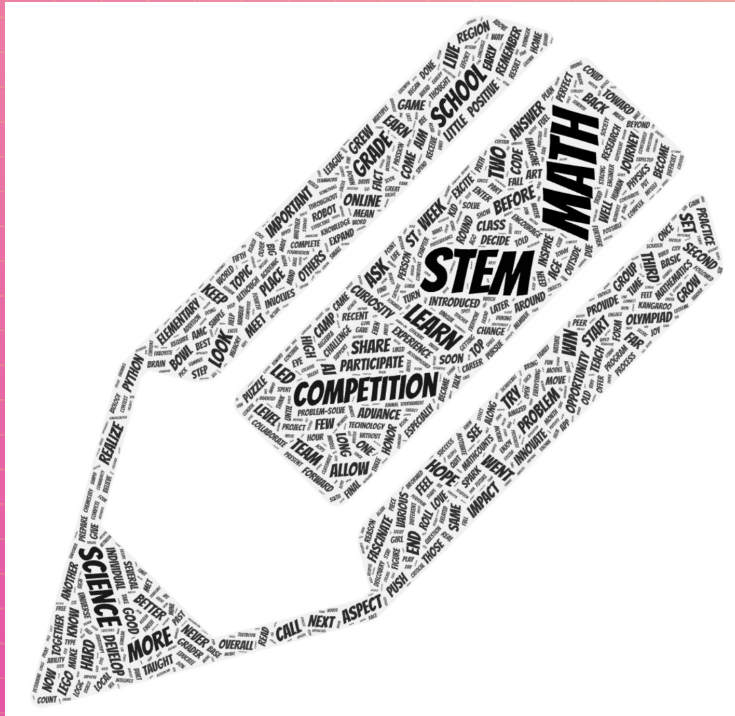
**Views on MA4G
Website**

**Draft
Submissions**

Competition Data

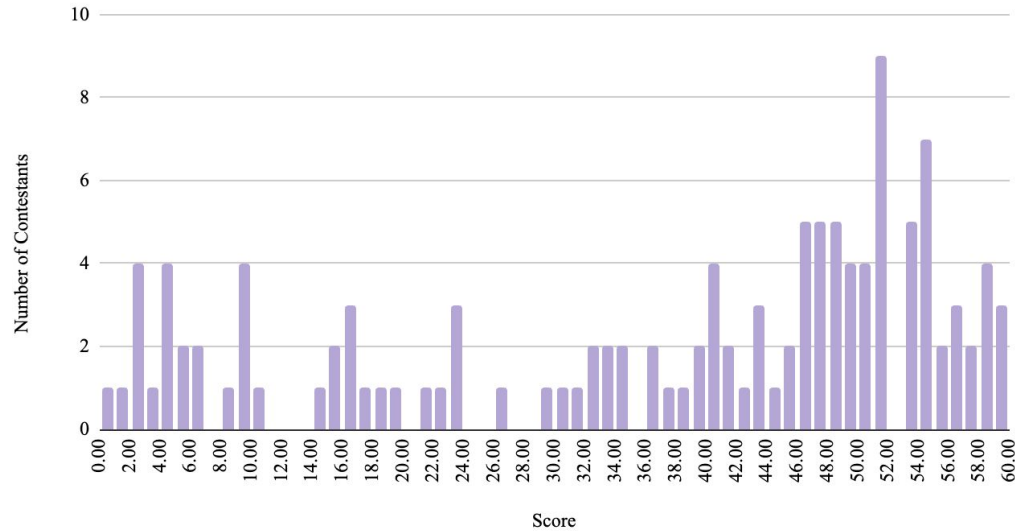


A quick summary of our entries by grade and state!



Problem Set Scores

Problem Set Scores



Min	0
Q1	21.6
Mean	36.9
Median	44.0
Q3	51.25
Max	59.5

Meena Boppana

Guest Speaker



Meena, a New York native, has been passionate about finding patterns for as long as she can remember. An avid problem solver, she qualified for the USA Math Olympiad at age 16. As an undergraduate, she created the student organization Harvard Gender Inclusivity in Math, which continues to push for increased representation in the department. Meena studied computer science at Harvard College and earned her master's in education (M.Ed.) from the Harvard Graduate School of Education. Having worked in the education technology industry and taught in the mathematics classroom, she now works with students in one-on-one tutoring.

You may have guessed it...
Let's play another game!

www.kahoot.it

Game pin: **2913084**

"Nickname": Use your full, real name

Go to this website!



Neeti Mehta Shukla

Co-Founder and Social Impact Officer
Automation Anywhere

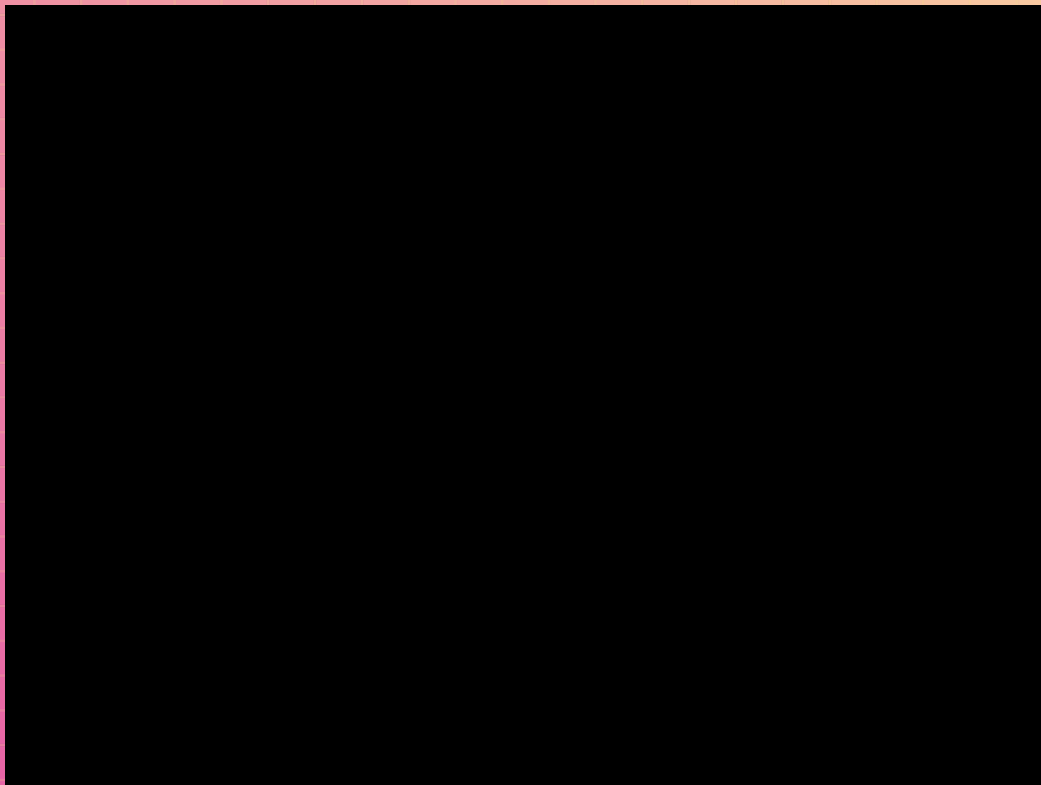


Neeti Mehta Shukla is a co-founder, senior vice president and culture architect at Automation Anywhere – the world's most widely deployed and only cloud-native robotics process automation (RPA) platform. She has dedicated her career to liberating people from the restraint of manual, repetitive work. RPA enables an intelligent digital workforce of software robots that can automate the mundane, unleash human creativity, and ultimately make work more human.



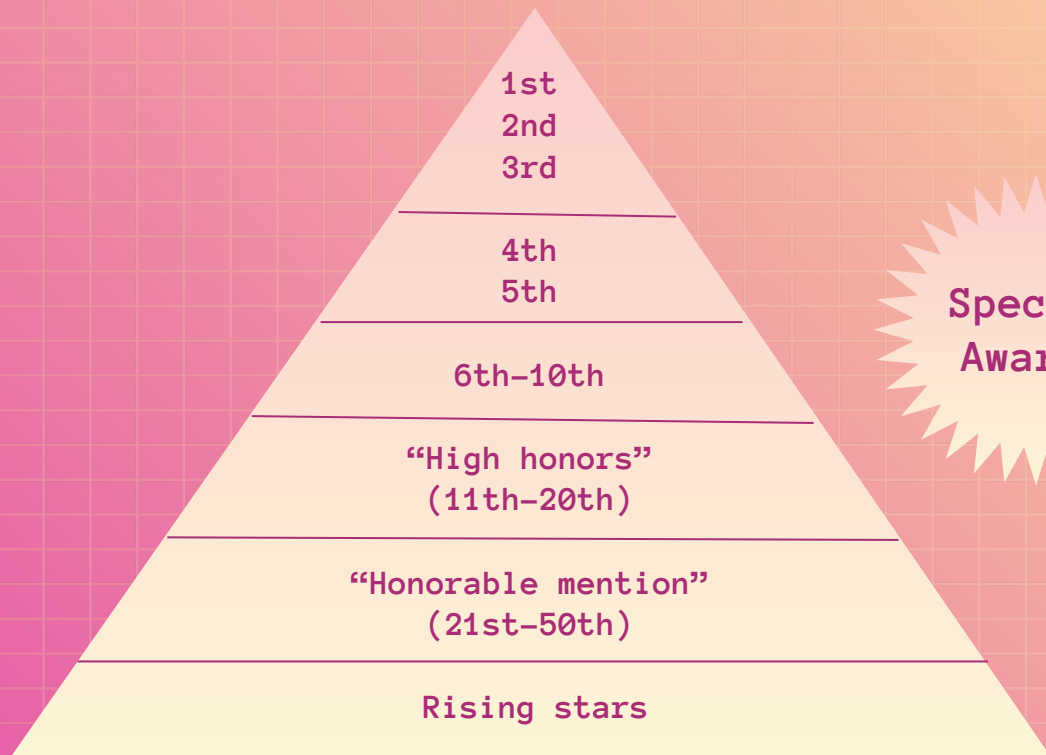


Neeti Mehta Shukla






Award Categories





RISING STAR AWARD

- Three highest scoring 5th and 6th graders who were not in the top 50
 - Girls who impressed judges by showing tremendous promise
 - Prize: Swag bag + certificate
- 



Merchandise (courtesy of HRT)



MA4G

Certificate of Excellence

Rising Stars

Given to 6 young (6th and 5th grade) students who
impressed judges by showing tremendous promise.

Maggie Bai *Chinmayi Goyal*

Maggie Bai
Co-President

Chinmayi Goyal
Co-President

Natalie Shell

Natalie Shell
Founder



Issued on June 22nd, 2024



RISING STAR AWARD

5th Grade

- Chloe Yang (CA)
- Ritha Rao (UT)
- Aven Andrews (OH)

6th Grade

- Robin Byun (CA)
- Xinyi Zhang (NJ)
- Kate Gao (MN)





Honorable Mention

- Given to girls who scored in the top 50, impressing us with their passion and ability.
- Prize: Swag bag + certificate





Certificate of Excellence

Honorable Mention

This certificate is proudly presented to the top 50 scorers who demonstrated great passion and ability in math and AI.

Maggie Bai

Maggie Bai
Co-President

Chinmayi Goyal

Chinmayi Goyal
Co-President

Natalie Shell

Natalie Shell
Founder




Issued on June 22nd, 2024



Honorable Mention

- ❖ Chelsea Lu
- ❖ Angelina Wang
- ❖ Michelle Zhen
- ❖ Mohini Goswami
- ❖ Evelyn Qiao
- ❖ Violette Yang
- ❖ Vivian Dai
- ❖ Manalee Chowdhury
- ❖ Nethra Ramkumar
- ❖ Kaylee Jeon
- ❖ Annabelle Ma
- ❖ Olivia Lee
- ❖ Arya Nayak
- ❖ Sahanya Pallikonda
- ❖ Katherine Long

- ❖ Sophie Hall
 - ❖ Angelina Wan
 - ❖ Thanishkka Vijayabaskar
 - ❖ Roselyn Chen
 - ❖ Aria Chen
 - ❖ Melody Jing
 - ❖ Alice Cheng
 - ❖ Christina Lu
 - ❖ Ting Lu
 - ❖ Iris Li
 - ❖ Audrey Hendarto
 - ❖ Eesha Vanamala
 - ❖ Eesha Dutta
 - ❖ Reya Doctor
 - ❖ Emma Lai
- 



HIGH HONORS

- Girls placed between 11th and 20th
- Given to 10 girls who deeply inspired judges with their passion and ability
- Prize: \$50 + swag bag + certificate



High Honors



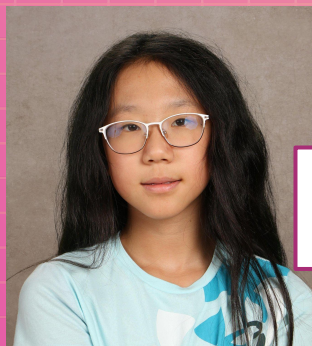
Erin Bian
WA
8th Grade



Elaine Wu
TX
8th Grade



Sophia Chen
IN
6th Grade



Emily Nie
MN
7th Grade



Alicia Fei
CA
8th Grade

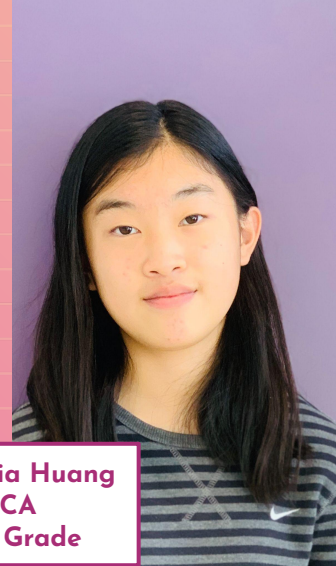
High Honors



Eva Lin
CA
8th Grade

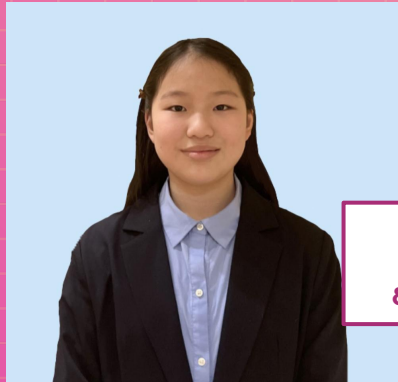


Ishanvi Jha
CT
5th Grade



Victoria Huang
CA
8th Grade

Ava Berenji
NY
8th Grade



Jiayu Su
CT
8th Grade



TOP 10

- Given to 10 girls who went truly above and beyond. These girls submitted clear and concise problem sets as well as essays expressing extraordinary accomplishments, vision, and leadership.
- First, we will announce 6th–10th in order
- Prize: \$100 + swag bag + certificate



10. Eileen Wu



Short biography

Eileen is an eighth grader who lives in Maryland. She enjoys math and coding, as well as reading novels and writing short stories.

**8th Grade
Maryland**

9. Advika Asthana



**8th Grade
Texas**

Short biography

Advika, is a Davidson Young Scholar, a national silver medalist in writing, and is passionate about math and science. She loves to share her knowledge with others through various community services in and outside of school. She is an active media ambassador promoting STEM programs among girls. In her spare time, Advika enjoys music and creative writing, especially poetry.

8. Carolyn Cao



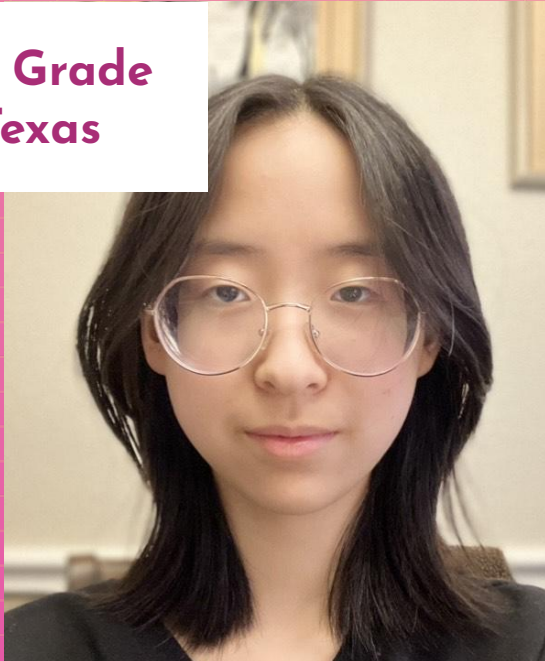
**8th Grade
Maryland**

Short biography

Carolyn is an 8th grader in Maryland who has been in the STEM community for 4 years now through math, coding and Science Olympiad. She has gotten top 10 in Maryland Mathcounts x2, a 7 on the AIME and 121.5 on AMC 10A. She has also achieved a perfect score on the AMC 8, and placed first in Science Olympiad Maryland states. She plays the clarinet and also fences in her free time.

7. Carolyn Wang

8th Grade
Texas



Short biography

Carolyn Wang is an 8th grader attending Rice Middle School who is passionate about all aspects of STEM, especially science and robotics. In her free time, she enjoys drawing, debate, and playing the viola.

6. Selena Ge



**8th Grade
Massachusetts**

Short biography

Selena Ge is an 8th grader at Jonas Clarke Middle School. At the 2023 MATHCOUNTS Nationals, she was a quarterfinalist in the countdown round, and she was also the only female who was top 25%. During the 2023-2024 school year, she perfected the AMC 10 and scored 11 on AIME. In addition to competing, she has taught elementary school students math. Her hobbies include playing tetris, reading books, and chatting with people on discord.



4th & 5th Place:

- \$100
 - A swag bag
 - Certificate
- 

5th. Michelle Lin



**8th Grade
Virginia**

Short biography

Michelle Lin is an eighth grader at Longfellow Middle School who has been participating in math competitions since 4th grade. She is a two-time AIME qualifier, placed top 10 in MATHCOUNTS State and earned Dr. George Lenchner Award for Perfect Score in the Mathematical Olympiads (MOEMS) Middle School Division. Outside of math, she is an avid golfer and enjoys reading and playing cello.

4th. Yunong Wu



**8th Grade
New York**

Short biography

Yunong Melody Wu is an 8th grader at Rye Country Day School (RCDS), Rye, NY, who loves challenging herself and is dedicated to community service, math, coding, sports, art, and music. In March 2024, Melody was honored to be invited to participate in USA(J)MO with her excellent performance in the AIME and AMC10 and received a perfect score on the 2024 AMC 8 as well. Melody is an active Westchester Area Math Circle (WAMC) member and the teaching assistant for competition math classes at Huaxia Great NY since 2022. She loves to share more with her community, especially with young girls, to help them pursue their dreams and challenging goals, regardless in arts, sports, or science.



“Most Enthusiastic” Passion Award

Given to the student who was the first
successful submission

(This contestant will receive an
additional \$50 cash prize and a special
certificate)



The Passion Award:



Carolyn Cao
8th Grade
Maryland



The Computation Award:

Given to the students to receive the highest score on the problem set, a 59.5 out of 60.

(These contestants will split an additional \$100 cash prize and receive a special certificate)





The Computation Award:



Rory Hu
8th Grade
California



Vivian Dai
6th Grade
Washington





3rd Place:

- \$300
 - A swag bag
 - Certificate
- 

3. Fiona Liu

Short biography

Fiona is an 8th grader at Redwood Middle School in California, USA. Since a young age, Fiona has nurtured a deep passion for science and mathematics. She is a two-time AIME qualifier and Mathcounts States qualifier. Her VEX Robotics team also won the Northern California States and placed as division finalists at Worlds. Outside of STEM, Fiona's interests include debate, music, and writing, and she has won numerous awards at the regional and national levels. In her free time, Fiona can be found reading everything from science fiction to economic histories.

Judges' Comments

A 2-time AIME qualifier who captained her school's MathCounts Team, Fiona had one of the strongest problem set scores in this year's competition. In addition, she deeply inspired us with her thoughtful nature and her curiosity, presenting the judges with a logic question in her first essay. Her deep passion for the intersection of math and astrophysics is showcased by her interest in following Jocelyn Bell Burnell's footsteps in researching general relativity tests on radio pulsars in intense gravitational fields.



**8th Grade
California**



2nd Place:

- \$500
 - A swag bag
 - Certificate
- 

2. Hayden Hughes



**7th Grade
Connecticut**

Short biography

Hayden has a passion for mathematics and problem-solving, STEM, music, performing and language. Hayden earned a spot in the Scripps National Spelling Bee. She is an avid reader and also enjoys writing and coding, as a means of expression. She has been recognized nationally in writing, and has had her poetry published. Hayden has been performing in theater for many years. Always humming and singing, she is passionate about music and writing original songs while playing piano or guitar. Mathematics is Hayden's favorite subject. She loves to learn, think deeply, and solve challenging problems. She has won multiple national math competitions, qualified for the AIME with Distinction. She has also been recognized by the MAA as one of the Top Young Women in Mathematics. Recently, she earned 2nd place in PRISMS International Math Meet for Girls. Hayden has earned 1st place in National Coding Competitions, and often uses her coding as a form of activism. Hayden is a big proponent for girls in math and science. She strives to use her mind, creativity, and passion in the field of mathematics, to encourage more girls to become involved in math, and to make a positive difference in the world.

Judges' Comments

Hayden's clear commitment to the future of girls in STEM was palpable from the moment we set eyes on her entry. We were inspired by her use of coding skills on projects like a woman's suffrage video game, which won 1st in a National-Level Coding Competition, as well as an app that asks AMC questions. She is also one of the most talented contestants in this competition, qualifying for AIME with distinction and being one of the Top 5 girls in the AMC 8 in the entire Northeast.



1st Place:

- \$1000
 - A swag bag
 - Certificate
- 

1. Rory Hu



**8th Grade
California**

Short biography

Rory Hu is an eighth grader at the Harker Middle School in California. She is a Class of 2028 Caroline D. Bradley Scholar and a 2023 winner of the Gloria Barron Prize for Young Heroes. After becoming a TIME For Kids reporter in 2020 and interviewing Apple CEO Tim Cook, she was recruited for Nick News, a news program on Nickelodeon. Enjoying an Emmy-nominated career as the show's youngest reporter, Rory has had the chance to interview notable figures such as Janet Yellen, the U.S. Secretary of the Treasury, Pete Buttigieg, the U.S. Secretary of Transportation, and Jen Psaki, the former White House Press Secretary. In addition to journalism, Rory enjoys other passions in areas such as science, speech and debate, and student leadership. Last year, her research project on honey bees won the \$10,000 DoD STEM Talent Award at Broadcom MASTERS (now Thermofisher JIC), the most prestigious middle school science competition in America. She's also a winner of the sixth annual New York Times podcast contest and a NSDA runner-up in Extemporaneous Speaking. Finally, Rory seeks to make change through her school's Student Belonging Board as well as serving on the Cupertino Teen Commission.

Judges' Comments

Rory Hu's entry is one of the strongest we have ever seen. Her problem set was near perfect, with a score of 59.5 out of 60, and she is both an AIME and USACO silver qualifier. However, we were most impressed by her research on honey bees, in which she used tea polyphenols and caffeine to improve bees' memory by 153% after pesticide exposure, eventually winning the \$10,000 DoD STEM Talent Award at Broadcom MASTERS, the top middle school national science fair, for her project. Rory is also an Emmy-nominated Nickelodeon news reporter, interviewing changemakers like Apple CEO Tim Cook, aiming to use her voice to promote humanity's understanding of the world through science.



The Inspire Award:

Given to the student to receive the
highest score on the essay

(This contestant will receive an
additional \$100 cash prize and a special
certificate)



The Inspire Award:



Rory Hu
8th Grade
California

Special Thanks

Guest speaker: Meena Boppana

Judges: MA4G Board

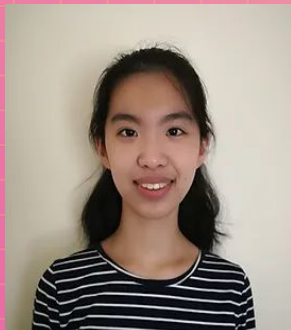
HRT: Angela Xiong, Marfo Ofori-Atta, Erica Attonito

Automation Anywhere: Neeti Mehta Shukla

HPE: Arti Garg

Additional thanks to: Dr. Manuela Veloso & Sebastian Gutierrez (JP Morgan Chase), Maja Hazell & Cindy Tran (D. E. Shaw), and the MA4G Team!

Great Job, Team



Ivy Guo



Sophia Jin



Angie Huang



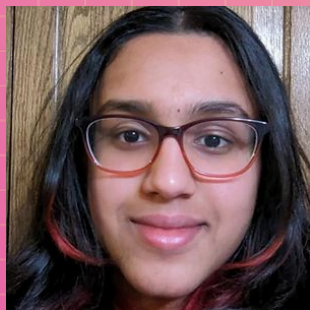
Andrea Chen



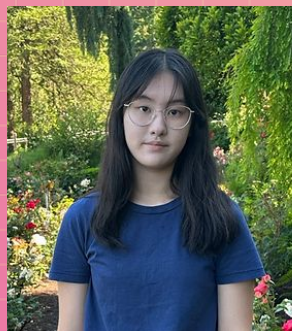
Alice Lee



Adya Garg



Vaidehi
Ramachandrula



Avery Xu



Minlu Wang-He



Helen Wan

Not Pictured: Lily Ma, Sam Kovi



Closing

Thank you for coming!!!

www.mathandai4girls.org

mathandaiforgirls@yahoo.com