

# MATHCOUNTS®

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## MATHCOUNTS LAUNCHES SECOND SCHOLARSHIP RECOGNIZING ALUMNI COACHES

As part of its commitment to expand opportunities for alumni and support underserved communities, the MATHCOUNTS Foundation has created the new **Community Coaching Scholarship**.

This \$3,000 scholarship will be awarded to a MATHCOUNTS alumnus/a working to establish a new Competition Series program at a school that receives school-wide Title I funding or is located in a ZIP code where a majority of residents are from groups underrepresented in STEM.

The application will open in March 2021, and the winner will receive resources in August to begin coaching students during the 2021-2022 school year.

Check back at [mathcounts.org/alumni](http://mathcounts.org/alumni) in March for more details!



MATHCOUNTS will continue to award the annual Alumni Scholarship, which recognizes an outstanding alumnus/a whose experience in MATHCOUNTS was influential. Open to high school seniors and college students, applications for this \$3,000 award will be accepted through **December 15, 2020** at [mathcounts.org/scholarship](http://mathcounts.org/scholarship).



## TEACHERS COUNT

*"I will never forget the amount of hours that my coach Tisa F. poured into both our daily math classes as middle school students and, on top of that, into our MATHCOUNTS team as we practiced, studied, and competed. I was always really self-conscious about my grades in math because I knew other people were watching me to see how I did, so it meant a lot that she was willing to take the time to help me succeed in the classroom and really understand and enjoy math for life."*



## NEW OPPORTUNITIES AND RESOURCES WITH ONLINE COMPETITIONS

For the safety of all participants, the MATHCOUNTS Competition Series has been modified for the 2020-2021 school year:

- This year's official levels are chapter, chapter invitational, state and national. All competitions leading up to the 2021 Raytheon Technologies MATHCOUNTS National Competition will take place **online**.
- Schools can register up to **15 students** for the online Chapter Competition. Through December 1, registration costs \$35 per student (\$17.50 for Title I schools).
- Schools can participate in **4 online practice competitions** through January 2021. The next practice competition will open on November 15.
- Students whose school will not register or support their participation in MATHCOUNTS can register as **non-school competitors** (NSCs).



## TEACHERS COUNT

*"I am tremendously grateful to Mrs. H. for making math easy and fun this year. Many people, including me, have had trouble adjusting this year, but she's made it easy for me to transition and has taught me so much. I love how she puts her 100% into teaching students."*

"Though it will be an adjustment not to host in-person chapter and state events this year, **we're excited about the new online opportunities we can offer students and educators**," said executive director Kristen Chandler. "We are incredibly grateful to Raytheon Technologies for their commitment to supporting and celebrating top math students and to Art of Problem Solving for hosting our online competitions."



## REGISTER BY 12/1 AT MATHCOUNTS.ORG/COMPREG!

## SCHOOL SPOTLIGHT: ISLAMIC SCHOOL OF GREATER KANSAS CITY

The Islamic School of Greater Kansas City, like many MATHCOUNTS teams around the country, knows that success isn't just about winning. As a participant in all 3 programs, coach Diana Elkishawi explains that their MATHCOUNTS experience has gone beyond the competition results: **"It has really helped our students appreciate the love for problem solving."**

As a teacher at a Title I school, Diana was uncertain when she saw her first promotional MATHCOUNTS postcard in 2009. "Are you sure you don't want to try an easier math competition?" her principal proposed. Despite a few initial years without any MATHCOUNTS trophies, **she saw that participation was helping her students' math scores and, more importantly, their confidence.** "With challenge comes growth," she told her Mathletes—and she was right. Their chapter coordinator, Derek Vap, was so inspired by their eager approach to competing that he created a "most spirited" award just for them, which in turn made them even more excited to participate each year. Since then, four Islamic School students have advanced to the state level.



*"When I joined the math club, I realized for the first time that math was never boring or hard; it was a matter of creativity."*  
-Najmussahar, Islamic School student

*"I want everyone out there to know, whether you're a Title I school or not, you can do this."* Diana and her students have held bake sales to pay their discounted registration fees, and last year they participated for free altogether thanks to 3M's support of low-income MATHCOUNTS schools in the Kansas City area. "We're a small school in the heart of America, and it felt really good to be supported." Because 3M covered their registration, Islamic School was able to redirect their resources to a Gold Level Project community event for the National Math Club.

Diana is glad she didn't toss that postcard back in 2009. "I am very, very lucky to have made this decision and to be a part of such an amazing organization."

## THE NATIONAL MATH CLUB KEEPS STUDENTS AND TEACHERS CONNECTED

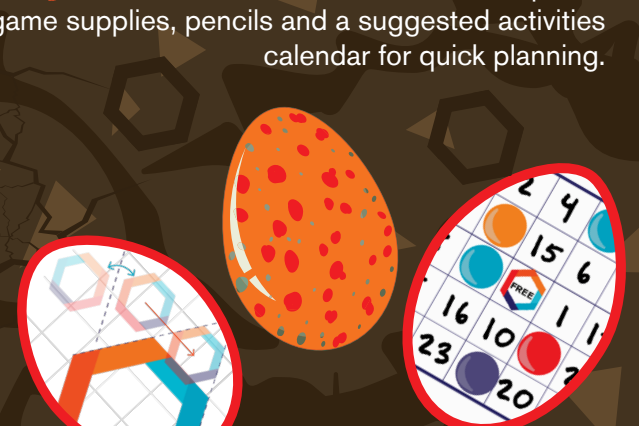
The National Math Club provides free games, activities and problem sets that make it easy for teachers to host an **in-person or virtual** math club. This year, MATHCOUNTS is adding **new club resources** like the Transformation Game, Exploring STEM Careers and rebooted Math BINGO, which was included in the virtual Math Club Day in July.

"Now more than ever, teachers need great resources so they can spend less time developing content and more time supporting students," said Kristen Chandler. **"The National Math Club is more valuable than ever as teachers navigate an unfamiliar school year."**

Educators at schools and non-school groups can register all year at [mathcounts.org/clubreg](http://mathcounts.org/clubreg) to receive access to online activities, plus a mailed kit with game supplies, pencils and a suggested activities calendar for quick planning.

## TEACHERS COUNT

*"The teacher of my Trigonometry class remains the most energetic I've ever had. [They] managed to spice up what is often a dry, unimaginative course with entertaining touches along the way, such as demonstrating sinusoidal motion with old, rusted-out bikes or 'reverse-engineering' a problem."*



## THE MATH VIDEO CHALLENGE HELPS STUDENTS COLLABORATE REMOTELY

The Math Video Challenge has begun its 2021 program year, maintaining the well-received changes implemented in 2020—expert judging for every video submission, extra awards and new resources. This year MATHCOUNTS also added a new collection of animated video resources to highlight a socially distant option for teams unable to meet or film in person.

Educators at schools and non-school groups can register for free now at [mathcounts.org/mvcreg](http://mathcounts.org/mvcreg) to receive a Producers Pack with program materials. Students will work in teams of 4 to create a video solving a 2021 MATHCOUNTS problem in a real-world setting and submit their projects by **March 5, 2021**.



## TEACHERS COUNT

*"Mr. Robert H. opened my eyes to what I was capable of and knew exactly how to encourage us without being pushy. It wasn't until a couple years later when I was placed into advanced math classes in high school that I truly appreciated what a superior teacher and mentor he was. I will always be grateful to him for being the teacher who made the biggest difference in my life."*



**MATHCOUNTS**<sup>®</sup>

[www.mathcounts.org](http://www.mathcounts.org)

Get the solution at [mathcounts.org/poster](http://mathcounts.org/poster).

**THE SKULL  
ACCOUNTS FOR**

**15%**



**OF THE WEIGHT  
OF A T. REX'S  
BONES.**



**A T. REX'S  
BONES**

**ACCOUNT FOR**

**21%**

**OF ITS TOTAL  
WEIGHT.**

**WHAT IS THE  
TOTAL WEIGHT  
OF A T. REX  
WHOSE SKULL  
WEIGHS**

**570  
POUNDS?**



Express your answer to the nearest whole number.

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