



2023 Raytheon Technologies MATHCOUNTS National Competition Fact Sheet

At the 2023 Raytheon Technologies MATHCOUNTS National Competition, the nation's top young mathematicians will receive the star treatment. With a theme surrounding movies and red carpets, we hope to put these talented Mathletes on par with celebrities to celebrate math as a crucial skill for our society's success. The event will highlight film, animation and music to emphasize that math can be used in an array of creative fields.

WHEN

Sunday, May 14, 2023

Written Competition: 8:45 – 11:15 AM EDT

Monday, May 15, 2023

Countdown Round: 10:00 AM – 12:00 PM EDT

WHERE

Hilton Orlando Lake Buena Vista – Disney Springs® Area

1751 Hotel Plaza Blvd., Lake Buena Vista, FL 32830

WHAT

Competition bringing together the nation's highest-achieving math students, which includes both a written exam and a live "bee" style contest. Middle school Mathletes® will race against the clock and each other to answer challenging questions, such as:

How many six-digit positive integers containing six distinct nonzero digits are divisible by 99? (Ans: 576 integers)

Alana can make a tutu in 40 minutes. Spencer takes 50% longer. Working together, how many minutes does it take them to make 20 tutus? (Ans.: 480 minutes)

WHO

- The nation's 224 most talented middle school mathematicians, who represent all 50 states, the District of Columbia, U.S. territories and schools worldwide affiliated with the Departments of Defense and State.
- Over 32,000 students from almost 4,000 schools participated in the MATHCOUNTS Competition Series this year at their local chapter competitions.
- After competing at school, local (chapter) and state level contests, the top four students from each state and U.S. territory earn the right to compete at the National Competition.
- Each year free MATHCOUNTS materials are distributed to over 50,000 schools nationwide.

COMPETITION STRUCTURE

- *Written Competition:* The Sprint, Target and Team Rounds test the ability of individual students and teams to solve complex, multi-step problems with, and without, the aid of a calculator. Results on the written rounds determine the National Team Champions and individual student rankings.
- *Countdown Round:* Fast-paced, one-on-one oral competition for the 12 top-scoring individuals in the Written Competition. The winner is crowned National Champion. **[The Countdown Round is open to the public.]**

SCHOLARSHIPS

The nine top-achieving national competitors will receive college scholarships, totaling \$44,000 across all recipients.

- The National Champion (Countdown Round Winner) will win the \$20,000 Donald G. Weinert Scholarship.
- The Countdown Round Runner-Up will receive \$7,500.
- The two Countdown Round Semifinalists will each receive \$3,000.
- The Written Competition Champion will receive \$2,500.
- The four members of the 1st place team will each receive \$2,000.

WHY THIS IS IMPORTANT

- Strong math skills are essential for success in a rapidly expanding number of careers, particularly in STEM.
- U.S. industry faces a dire need for employees with the advanced math abilities required to conduct the cutting-edge research, study and design required to remain globally competitive.
- MATHCOUNTS programs have been proven effective in independent evaluations. MATHCOUNTS builds confidence and problem-solving skills while improving attitudes about math for all students.

ABOUT MATHCOUNTS

- **MATHCOUNTS provides engaging math programs for U.S. middle school students of all ability levels to build confidence and improve attitudes about math and problem solving.**
- The program focuses on students in grades 6-8 because middle school is a critical juncture, with a student's attitudes about STEM in 8th grade predicting their likelihood to pursue a STEM career.
- The MATHCOUNTS Foundation is a 501(c)(3) that owns three programs—the MATHCOUNTS Competition Series, The National Math Club and the Math Video Challenge—open to all middle school students nationwide.
- MATHCOUNTS has received two White House citations as an outstanding private sector initiative and has been recognized in White House ceremonies by five presidents.
- The program relies on a volunteer network of over 17,000 engineers, educators and other STEM professionals.
- Funding for MATHCOUNTS comes primarily from its National Sponsors: Raytheon Technologies, U.S. Department of Defense STEM, BAE Systems, Northrop Grumman Foundation, the National Society of Professional Engineers, 3Mgives, Texas Instruments Incorporated and Art of Problem Solving.
- MATHCOUNTS was founded in 1983 by the National Society of Professional Engineers, the National Council of Teachers of Mathematics and CNA Insurance.
- For more information, please visit www.mathcounts.org or find MATHCOUNTS on Facebook (@MATHCOUNTS), Twitter (@MATHCOUNTS) or Instagram (@mathcountsfoundation).

ABOUT OUR TITLE SPONSOR

- Raytheon Technologies is the world's largest aerospace and defense company. Their global team of 180,000+ employees are pushing the limits of known science and redefining how we connect and protect our world. They are advancing aviation, building smarter defense systems and creating innovations to take us deeper into space. The company, with 2022 sales of \$67 billion, is headquartered in Arlington, Virginia.
- Raytheon Technologies has been the title sponsor of the MATHCOUNTS National Competition since 2009 and has extended its sponsorship through 2025.
- Raytheon Technologies' support of MATHCOUNTS is a component of its 10-year, \$500 million Connect Up Corporate Social Responsibility initiative designed to advance equitable opportunities in STEM education, career development and community well-being.
- Support from Raytheon Technologies helps fund the MATHCOUNTS Competition Series, scholarships and resources for volunteers and mentors.

For further information or to arrange interviews, please contact:

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