



2023 Raytheon Technologies MATHCOUNTS National Competition Math Video Challenge Finals 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

Monday, May 15, 2023

Math Video Challenge Finals: 2:00 – 3:00 PM EDT

Announcement of Winner at the MATHCOUNTS Party: 7:00 – 9:00 PM EDT

WHERE

The Hilton Orlando Lake Buena Vista - Disney Springs® Area

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

WHAT

Competition bringing together students from across the country who excelled in combining communication skills, creativity, teamwork and technology skills to produce an original video that solves a math problem from the 2022-2023 MATHCOUNTS School Handbook in a real-world setting. Problem examples include:

If two more than three times x is equal to five less than ten times x , what is the value of x ? (Ans.: 1)

WHO

- The 16 students from the four finalist teams—from California, Georgia and Nevada—will present their videos.
- The nation's 224 most talented middle school mathematicians, who are competing in the 2023 Raytheon Technologies MATHCOUNTS National Competition, will vote to determine the winning video of the Math Video Challenge.
- This year 1,564 students created 406 videos in the Math Video Challenge.
- Since the program began in 2011, almost 15,000 students from 50 U.S. states and territories have participated in the Math Video Challenge and their videos have been viewed almost 3 million times.
- Each year, free MATHCOUNTS materials are distributed to nearly 50,000 schools nationwide.

CONTEST STRUCTURE

- *General Contest:* Students work in teams of four to create and submit videos. An expert panel of MATHCOUNTS judges selects 50-100 quarterfinalists and 12 semifinalists—based on creativity, mathematical accuracy, communication, originality and real-world application—and then chooses the four videos to advance to the finals.
- *Math Video Challenge Finals:* Each finalist video is screened for the 224 MATHCOUNTS National Competitors, who vote to select the winning video. **[The Math Video Challenge Finals event is open to the public.]**
- *Announcement of Winner:* The winning video is announced at the MATHCOUNTS Party. Each member of the winning team will receive a medal and a \$1,000 college scholarship.

WHY THIS IS IMPORTANT

- Building strong 21st century skills—such as communication, collaboration, team work, technological proficiency and creativity—is essential for success in a rapidly growing number of careers.
- The Math Video Challenge engages students who otherwise likely would not be involved in math as an extracurricular activity.
- 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, Twitter (@MATHCOUNTS) or Instagram (@mathcountsfoundation).

ABOUT OUR TITLE SPONSORS

- DoD STEM is the title sponsor of the Math Video Challenge.
- The U.S. Department of Defense's STEM Education and Outreach initiatives seek to inspire, cultivate, and develop exceptional STEM talent across the education continuum to create a diverse and sustainable STEM talent pool ready to meet current and future defense technological challenges. For more information, visit <https://dodstem.us>.
- Raytheon Technologies has been the title sponsor of the MATHCOUNTS National Competition since 2009 and has extended its sponsorship through 2025. For more information about the 2023 Raytheon Technologies MATHCOUNTS National Competition, including a fact sheet, please go to www.mathcounts.org/nationals.

For further information or to arrange interviews, please contact:

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