

## M3 Challenge 2021 Ready to publish blurbs

### Short version:

#### MathWorks Math Modeling (M3) Challenge

MathWorks Math Modeling (M3) Challenge (<http://m3challenge.siam.org>) is a free, Internet-based applied math competition for eligible high school juniors and seniors in the U.S. and sixth form students in England and Wales. It is known to inspire pursuit of STEM majors and careers. Working in teams of three to five, participants have 14 hours to solve an open-ended math-modeling problem focused on a realistic and relevant issue. The contest, which is a program of Society for Industrial and Applied Mathematics (SIAM) and sponsored by leading software developer MathWorks, awards 37 prizes annually, including extra credit awards for teams that opt to employ technical computing/code in their solutions. More than \$100,000 (~79,000 GBP) in scholarships will be awarded in 2021 toward the pursuit of higher education. M3 Challenge has awarded more than \$1.5 million (~1.2 million GBP) in scholarships to date and has been listed as an approved contest by the National Association of Secondary School Principals since 2010.

As a way of welcoming the newly-eligible schools in England and Wales, the contest will invite **one team from either of those countries with the highest-ranking score, regardless of their overall ranking, to the final event in New York City** on April 26, 2021, all expenses paid. (COVID-19 could negate this, but we remain hopeful!)

Challenge weekend is set for **February 26—March 1, 2021**. Registration opens in November at <http://m3challenge.siam.org> and closes Friday, February 19, at 4 p.m. EST sharp! [Sign up for e-alerts now to receive notifications and reminders of important milestones.](#)

Complete details, rules, practice problems, free software licenses and instruction for teams who opt to use code, as well as other resources to help students learn math modeling and prepare for the Challenge are available at <http://m3challenge.siam.org>.

If you would like more information about M3 Challenge or posters (print or digital) to distribute to your schools, students or colleagues, please send a request with shipping address to [m3challenge@siam.org](mailto:m3challenge@siam.org).

### Slightly longer version:

#### MathWorks Math Modeling Challenge

How do climate-related factors impact national parks? How can communities repurpose squandered food? Students use math modeling and other skills to provide insight into complex, real-world issues like these during MathWorks Math Modeling (M3) Challenge, an Internet-based contest that spotlights the notion that math is much more than solving for “x.” M3 Challenge is a **free** contest for eligible high school juniors and seniors in the U.S. and sixth form students in England and Wales. Working in teams of 3-5, participants have 14 hours to solve an open-ended math-modeling problem focused on a realistic and relevant issue. Solution papers go through a rigorous, multi-step judging process and top teams are awarded scholarships totaling \$100,000 (~79,000 GBP) toward the pursuit of higher education. Extra credit awards are available to teams that employ technical computing/code in their solutions. M3

Challenge has given more than \$1.5 million (~1.2 million GBP) in scholarships to date and has been listed as an approved contest by the National Association of Secondary School Principals since 2010.

Challenge weekend will take place **Friday, February 26, 2021, at 6:00 a.m. EST through Monday, March 1, 2021, at 11:00 p.m. EST**. Students' 14 hours of allotted work time begins when they download the Challenge problem at a time of their choosing during Challenge weekend. Registration opens in November at <http://m3challenge.siam.org/> and closes on Friday, February 19, 2021, at 4:00 p.m. EST sharp! [Sign up for e-alerts now to receive notifications and reminders of important milestones.](#)

As a way of welcoming the newly-eligible schools in England and Wales, the contest will invite **one team from either of those countries with the highest-ranking score, regardless of their overall ranking, to the final event in New York City** on April 26, 2021, all expenses paid. (COVID-19 could negate this, but we remain hopeful!)

Designed to motivate students to study and pursue careers in applied math and computational science, the contest is a program of Society for Industrial and Applied Mathematics (SIAM) and is sponsored by leading software developer MathWorks.

Complete details, rules, practice problems, free software licenses and instruction for teams who opt to use code, as well as other resources to help students learn math modeling and prepare for the Challenge are available at <http://m3challenge.siam.org.>

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