

# PREPARE to MODEL!

## THIS COULD BE YOU!

Haberdashers' Boys' School of Borehamwood, Hertfordshire, England won the Technical Computing Runner Up \$2,000 Team Award in M3 Challenge 2025 and an all-expense paid trip to New York City to present their paper.

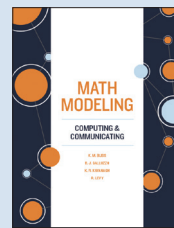
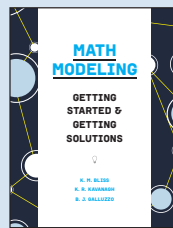
The team was comprised of Rajarshi Mandal, Devarshi Mandal, Aryan Prabhudesai, Dawei Tao, Oliver West, and coach Kim Harrison.



## FREE RESOURCES at [m3challenge.siam.org/resources](https://m3challenge.siam.org/resources)

### Read the Modeling Handbooks

Written by M3 problem writers and judges, *Math Modeling: Getting Started and Getting Solutions* is a terrific introduction to the modeling process. *Math Modeling: Computing & Communicating* goes beyond the basic process of mathematical modeling to technical computing using software platforms and coding.



### MATLAB Technical Computing Awards

Teams that use MATLAB, either on its own or paired with other software, in an outstanding way are eligible for an additional distinction—the MATLAB Technical Computing Awards.

### Practice your skills

Sample and practice problems will help you prepare for the Challenge problem.

### Watch the Math Modeling video series

Seven 2–3 minute episodes that provide instruction and insight about each component of the modeling process.

### Access free software

You can request MathWorks' MATLAB software for free! Look for "Access Software" and "Technical Computing" on the website. *Use of software, coding, and technical computing is not required to participate or win.*

### Teach (or learn!) modeling using the GAIMME report

"Guidelines for Assessment and Instruction in Mathematical Modeling Education" (GAIMME) is a great resource for coaches!

### Peruse the "Tips and Guidance" webpage

Suggestions from past participating students, coaches, judges, and from organizers of the Challenge.

### More Winning Strategies

Check out the archives to see past Challenge problems, winning solutions, judge perspectives, and presentation videos organized by year.

Go on a YouTube binge. Visit "M3 Challenge" playlist on SIAM's YouTube page to familiarize yourself with all aspects of the Challenge.

[youtube.com/user/SIAMConnects](https://youtube.com/user/SIAMConnects)

**TEACHERS AND STUDENTS: Take steps to ensure greater success in M3 Challenge!**