

**TEACHERS:** Encourage participation! Hang a poster in your classroom and share these FREE resources with your students.



## PREPARE to SUCCEED!

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

#### Watch the Math Modeling video series.

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

#### Teach Modeling using the GAIMME report.

Guidelines for Assessment and Instruction in Mathematical Modeling Education is a great resource for teacher-coaches!

#### Read the Modeling Handbook

Written by M3 problem writers and judges, [Math Modeling: Getting Started and Getting Solutions](#) describes the modeling process, and is a must-read for any serious Challenge contender!

#### Practice your skills.

Sample problems and modeling scenarios, along with the monthly practice problem, will help you prepare for future Challenge problems.

#### Peruse the “Tips and Guidance” webpage.

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

### What is MathWorks Math Modeling (M3) Challenge?

M3 Challenge is a unique math competition that, since 2006, has provided a pinnacle experience for high school juniors and seniors – demonstrating how the math they learn in class can be used to solve real problems, make predictions, and provide insight about important topics in today’s world. Students must work in teams and under a strict time constraint to interpret the problem and use the math modeling process to answer the questions posed.

**Be a world changer. Register a team now!**

### MORE WINNING STRATEGIES

#### Access free software

Once registered, you can request MathWorks’ MATLAB software for free! It contains hands-on tools you can use to prep for the competition, apply to the Challenge problem, and continue to use throughout the year. Look for “Software and Licenses” behind the log-in. Note that software use, coding, and technical computing are not required to participate or win.

#### Check out the archives / [m3challenge.siam.org/archives](http://m3challenge.siam.org/archives)

Archives feature past Challenge problems, winning solutions, and presentation videos organized by year.

#### Go on a YouTube binge / [youtube.com/user/SIAMConnects](https://youtube.com/user/SIAMConnects)

Visit “M3 Challenge” playlist on SIAM’s YouTube page to familiarize yourself with all aspects of the Challenge.

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