

**MATHCOUNTS<sup>®</sup>**  
**is the place for both.**

IT STARTS WITH A **LOVE** OF MATH



**It is a love with limitless potential, a love that can be channeled into a discovery that will make us more efficient, more sustainable. It is a love that can change the world.**

**It is a love that must be nurtured.**

For this student, math class is a sanctuary, a place where she can be herself, where she can succeed and lead by example. But math classes are never enough. She has a special kind of love for numbers that needs extra time, attention and care.



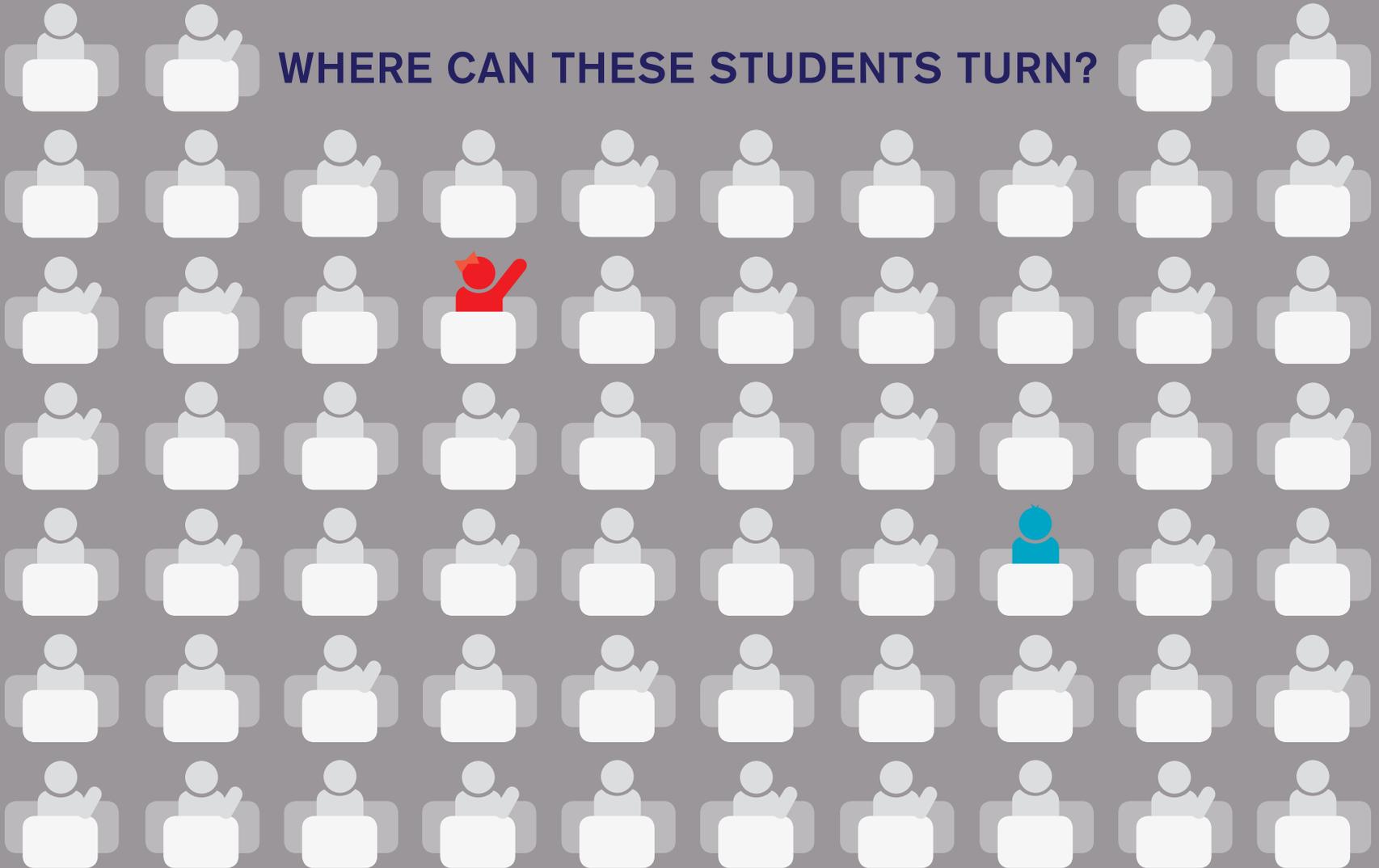
IT STARTS WITH A **FEAR** OF MATH

**It is a fear that colors every learning opportunity a student has, a fear that, if unaddressed, will severely limit a student's possibilities.**

**It is an unnecessary fear, one that must be extinguished.**

For this student, math class is a place of anxiety and ridicule — one more avenue through which he might display his inability to make the right decision.

**WHERE CAN THESE STUDENTS TURN?**



# A LOVE OF MATH

At the urging of her math teacher, she attends an after-school meeting of the **MATHCOUNTS** Competition Series team. As she prepares for the premiere math competition for middle school students in the United States, she finds complex problems to solve and a mentor who can help her work through those problems. She finds a support network of students who are like her: curious and inquisitive fixers and problem solvers.

As a member of a Competition Series team, she is among friends.

# A FEAR OF MATH

At the urging of his teacher, he decides to join a Math Video Challenge team, and he and his three teammates begin working on a video that solves a **MATHCOUNTS** problem and shows its real-world application. He is energized by the project and finds himself presented with a new “in” to math. The Challenge provides him with an opportunity to approach math from a position of strength — his ability to tell a story visually — rather than weakness. He is energized by the project and his fear of math begins to diminish.

The video is selected as a finalist and will be shown at the **MATHCOUNTS** National Competition. It is an experience that is impossible to replicate in the classroom. It doesn't matter if his video wins or loses. He has made it. And once he has made it, there is no turning back.

**WHEN BARRIERS FALL AND PASSIONS ARE CONFIRMED,  
GREAT THINGS HAPPEN.**



# A LOVE OF MATH

**The Competition Series practices make her a better problem solver. She becomes more confident in her abilities, more sure of her passions.**

With her newfound confidence, she is eager to see how she stacks up against the best in the country. She advances through the Chapter and State Competitions. But it doesn't matter how far she makes it, because she's made it. She knows what it takes.

The experience of competition cannot be replicated in the classroom. It's the kind of activity that changes the shape of brains, the trajectory of lives. The world becomes a problem to solve—a problem that can be solved.

# A FEAR OF MATH

**The Math Video Challenge makes him feel successful and engaged in math. He becomes more confident in his abilities and his fear of math begins to diminish.**

When he returns from the Math Video Challenge finals, he joins The National Math Club at his school, where he works alongside students of all skill sets. Week-by-week he becomes a better problem solver, a more confident student.

He is no longer defined by his deficiencies or his fears but by the fact that he overcame them.

WHERE WILL THEIR NEWFOUND CONFIDENCE TAKE THEM?



## A LOVE OF MATH

**Her journey began with a love of numbers, but where will it take her?**

To Google? To the Pentagon? To an after-school meeting of problem solvers at a middle school in inner-city New York, helping someone realize that her love of numbers should never be compromised? That it can take her anywhere?

## A FEAR OF MATH

**Where will his confidence and problem-solving skills take him?**

To Hollywood? To a career as a graphic designer or an engineer? To a middle school in the Midwest? To a student who needs someone to say, “You can do this; you don’t have to be afraid”?

**MATHCOUNTS** provides a place and a program for every kind of math student. It doesn’t matter how students get to an appreciation and excitement for math, as long as they get there.



**We’ve created the MATHCOUNTS Competition Series for the high-achieving, challenge-seeking cream-of-the-crop;**



**The Math Video Challenge for those interested in utilizing technology and visual storytelling to solve problems; and**



**The National Math Club for those seeking an inclusive and social setting in which to have fun with math.**



For over 30 years the **MATHCOUNTS** Competition Series has challenged bright, motivated students to reach their full potential through exciting, in-person contests. Through four levels of competition — school, chapter, state and national — students compete against and alongside some of the best problem solvers in the country. Top students advance to the National Competition, then 12 finalists compete in thrilling head-to-head matchups to determine the National Champion. **MATHCOUNTS** provides Competition Series Coaches with the materials necessary to prepare their Mathletes®.

The Math Video Challenge engages students in fun, project-based learning that combines creativity, math and technology. Students work in teams of four to create a video that answers a **MATHCOUNTS** problem and demonstrates its real-world application. The general public votes for the best videos in the contest, and the top 100 videos with the most votes advance to the judging rounds. Twenty semifinalist videos are selected, and then four finalists advance to the final round of voting, which is done by the students competing in the **MATHCOUNTS** Competition Series finals.

<b>What</b>	The premiere math competition for middle school students in the United States.
<b>Who</b>	All U.S. students in 6th, 7th or 8th grade are eligible.
<b>When</b>	Chapter Competitions take place in February, State Competitions in March, and the Raytheon <b>MATHCOUNTS</b> National Competition is held in May.
<b>Where</b>	With over 500 Chapter and State Competitions, there are events in every U.S. state and territory.
<b>Cost</b>	Each school that registers pays \$30 per individual student and/or \$100 per team of four students at the Chapter Competition. An unlimited number of students may participate at the school level.
<b>Website</b>	<a href="http://www.mathcounts.org/competition">www.mathcounts.org/competition</a>

<b>What</b>	Provides a forum for teams of students to create their own math videos based on <b>MATHCOUNTS</b> problems.
<b>Who</b>	Any group of four 6th, 7th or 8th grade U.S. students is eligible.
<b>When</b>	Teams begin submitting videos in the fall. Public voting runs from February through March. Finalist videos are presented in May.
<b>Where</b>	Student videos are uploaded to the contest website. Finalist teams present their videos during a live screening at the Math Video Challenge finals.
<b>Cost</b>	There is no cost thanks to the generous sponsors and donors.
<b>Website</b>	<a href="http://videochallenge.mathcounts.org">videochallenge.mathcounts.org</a>



The National Math Club is designed to increase enthusiasm for math and to engage students of all ability and interest levels. Through a variety of creative, hands-on and interactive activities, The National Math Club gives students in clubs across the country the opportunity to experience math in a fun, social way. **MATHCOUNTS** provides National Math Club Leaders with free materials, prizes and awards to create a supportive and inclusive club atmosphere that will help students gain confidence in their problem-solving abilities and feel successful in math.

<b>What</b>	Provides the structure, resources and incentives to make it easy for any teacher, mentor or parent to run their own math club.
<b>Who</b>	Any organized group of at least four 6th, 7th or 8th grade U.S. students that meets in person is eligible.
<b>When</b>	Ideally, clubs will enroll during the fall and participate throughout the entire school year; however, clubs can enroll at anytime.
<b>Where</b>	Nationwide wherever there is math club.
<b>Cost</b>	There is no cost thanks to the generous sponsors and donors.
<b>Website</b>	<a href="http://www.mathcounts.org/club">www.mathcounts.org/club</a>

## MATHCOUNTS IS FOR ALL STUDENTS.

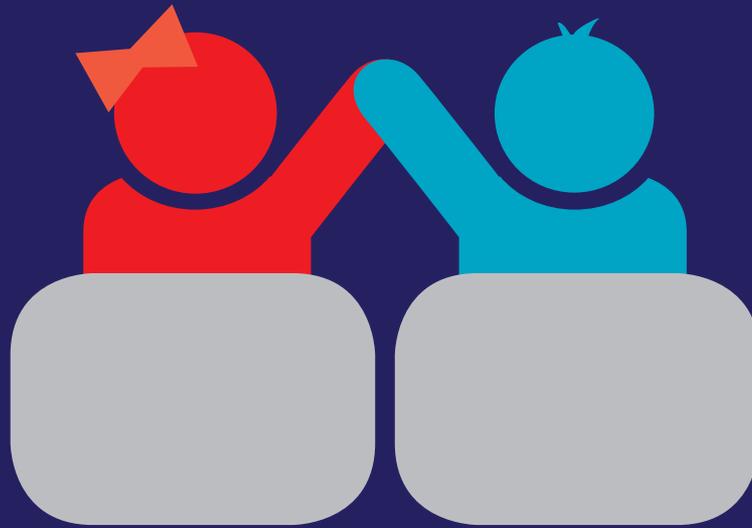
Your students who **LOVE** math need to be challenged.  
 Your students who **FEAR** math need ways to improve.  
 You need the tools to help **EVERY** student.



**BECAUSE IN THE END,  
 IT ALL COMES BACK  
 TO THE STUDENT.**



To find out how to become involved with **MATHCOUNTS**, give us a call at 703-299-9006, email [info@mathcounts.org](mailto:info@mathcounts.org) or visit [www.mathcounts.org](http://www.mathcounts.org).



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