MATHCOUNTS®

2025

Virginia State Competition

Saturday, March 22, 2025

VIRGINIA POLYTECHNIC INSTITUTE · AND STATE UNIVERSITY ·

UT PROSIM

Hosted by:

Department of Mathematics
Department of Computer Science

Virginia Tech

Greetings Mathletes!

The Department of Mathematics and the Department of Computer Science at Virginia Tech welcome you to the 2025 Virginia MATHCOUNTS competition. Our volunteers are here today because you have earned our respect and also because you represent our future.

We have found that through problem solving skills built upon a firm foundation in mathematics and science, we are able to better our society. During this event today, we hope that you will engage in the spirit of sportsmanship, fellowship, and respect for your parents, teachers, coaches, and volunteers that make this experience possible.

We also extend heartfelt thanks to your coaches and parents for devoting their time, energy, and the encouragement that helped you get to where you are today.

Sincerely,

Arun Biswas, PhD
Virginia State Mathcounts Coordinator

Schedule

9:30-10:00   Registration (Lower Floor Torgersen)

10:00-10:45 Opening (Torgersen 2150)

10:45-11:15 Target Round (Rooms will be announced during opening)

11:15-11:30 Restroom break

11:30-12:15 Sprint Round (Rooms will be announced during opening)

12:15-12:20 Prepare for Team Round

12:20-12:50 Team Round (Only for registered teams)

12:50-2:10   Lunch

2:10-2:30   Host Presentation (Torgersen 2150)

2:30-4:00   Countdown Round and Awards ceremony,

            Photos (Torg 2150)

Schools Represented Today

Blacksburg Middle School	Longfellow Middle School
Buford Middle School	Louise A. Benton Middle School
Cooper Middle School	Mercer Middle School
Eagle Ridge Middle School	Old Donation School
Forest Middle School	Rachel Carson Middle School
Frost Middle School	Rocky Run Middle School
George H Moody Middle School	Rodney E. Thompson Middle School
Grafton Middle School	Sangster Elementary School
H-B Woodlawn Secondary Program	South County Middle School
Hampton Roads Academy	Stone Hill Middle School
Haycock Elementary School	Tabb Middle School
Katherine Johnson Middle School	Walton Middle School
L Douglas Wilder Middle School	Westminster School
Lakeside Middle School	Willard Middle School
Lois Hornsby Middle School	

Competitors & Coaches

Bull Run - Eagle Ridge Middle School

Coach: Hareendra Yalamanchili

Rishi Kallamadi
Vidur Konduru
Rishik Yaduguri
Akshay Yalamanchili

Bull Run - Louise A. Benton Middle School

Coach: Suzie Bastian

Curtis Boudreau

Bull Run - Mercer Middle School

Coach: Viswanadham Sanku

Arjun Sanku

Bull Run - Stone Hill Middle School

Coach: Rick Wurst

Shriya Yellamagari

Bull Run - Willard Middle School

Coach: Kate Rixey

Justin Nam

Competitors & Coaches

Fairfax - Frost Middle School

Coach: Julia Shin

Ben Ahn
Jeffrey Du

Fairfax - Katherine Johnson Middle School

Coach: Vrushali Gosavi

Garidkhuu Battkhuu
Lucas Liu
Nicolaus Maloney
Ameya Rajeev

Fairfax - Rachel Carson Middle School

Coach: Joseph Shen

Colin Hager
Kevin Shen
Lucas Washow
Eric Xu
Anthony Yu

Fairfax - Rocky Run Middle School

Coach: Molly Little

Suhas Devarakonda

George Washington - Sangster Elementary School

Coach: Will Heuett

Damian Anderle
Aaron Hunde
Eren Ogut
Vanya Voloshin

Competitors & Coaches

George Washington - South County Middle School

Coach: David FitzSimons

Michael Van Gilder
Abel Wossen

George Washington - Westminster School

Coach: Alexa Uhrmacher

William Burke
Eleanor Pomerance

Northern Virginia - Cooper Middle School

Coach: Lisa Walsh

Ian Cheng
Andrew Du
Leo Wang
Landon Yin
Ethan Zhang

Northern Virginia - Haycock Elementary School

Coach: Jiaping Chen

Eric Yuan

Northern Virginia - H-B Woodlawn Secondary Program

Coach: Stephanie Nichols

Steve Cui

Competitors & Coaches

Northern Virginia - Longfellow Middle School

Coach: Mei Li

Shawn Bi
Minchan Kim
Alex Lee
Gloria Lu
Alice Wang

Peninsula - Grafton Middle School

Coach: Caron Garner

Sirui Liao

Peninsula - Hampton Roads Academy

Coach: Rafael Zornitta

Suhani Joshi

Peninsula - Lois Hornsby Middle School

Coach: Michael Contakes

Jiayi Qi
Andrew Waskey
Ryan Waskey
Shanzhen Yang

Peninsula - Tabb Middle School

Coach: Alicia Dobyns

Andrew Fang
Nathan Petzar

Competitors & Coaches

Richmond/Fredericksburg - George H Moody Middle School

Coach: Candace Mirabile

Tobey Gardner
William Jiang
Tristan Madiri
Rithik Natarajan
Luke Tao
Andrew Zhou

Richmond/Fredericksburg - L Douglas Wilder Middle School

Coach: Chip McNamara

Stefan Bubelac
Caitlyn Collins
Shesta Veerapaneni

Richmond/Fredericksburg - Rodney E. Thompson Middle School

Coach: Rose Averett

Cole Nicholson
Kendra Zhou

Skyline/Blue Ridge - Buford Middle School

Coach: Robert Tupelo-Schneck

Audrey Chen
Daron Chen

Competitors & Coaches

Skyline/Blue Ridge - Lakeside Middle School

Coach: Jenny Kwon

Sunyoo Chung
Chloe Huang
Enoch Lyu
Claire Meng
Eunjong Seo

Skyline/Blue Ridge - Walton Middle School

Coach: Tory Selmer

Lewie Lin

Southwest - Blacksburg Middle School

Coach: Marti Hale & Godmar Back

Theta Back
Matthew Cao
Abraham Du
Jacob Ji
Maximilian Li
Franklin Liu
Moses Park

Southwest - Forest Middle School

Coach: Ruomiao Wang

Albert Mao

Tidewater - Homeschool

Coach: Tenisha Harris

Cameron Morgan

Competitors & Coaches

Tidewater - Old Donation School
Coach: Danielle Quandahl
Ethan Menashi
Irene Shi
Jason Shi
Leela Unnikrishnan
Matvei Working

Thank You!

To our
Chapter and Regional
Coordinators for all their organizational work.

Shalini Pochiraju	Bull Run
Maura Sleevi, Ronald Marlow, David Welter	George Washington
Maura Sleevi, Ronald Marlow, David Welter	Fairfax
Arun Verma	Peninsula
Jim Davis	Richmond/Fredericksburg
Maura Sleevi, Ronald Marlow, David Welter	Northern Virginia
Victoria Selmer	Skyline/Blue Ridge
Mark Metzger	Southwest
Cherng-tiao Perng	Tidewater

Thank you to our Sponsors

- College of Science, Virginia Tech

- Pamplin College of Business, Virginia Tech

- Prof. Romesh Batra, Department of Mechanical Engineering, Virginia Tech

- Commonwealth Cyber Initiative

- College of Engineering

Computer Science at Virginia Tech

Students from around the world come to study computer science at Virginia Tech because of our extensive course offerings, career development opportunities, experiential learning, and cutting-edge research opportunities. From student organizations, such as the Association for Women in Computing, and CS-Squared to research projects using the latest technology, there are always opportunities and challenges to help today's students become the technology leaders and innovators of tomorrow.

Our students enter a well-rounded degree program focused on the design, implementation, performance, and usability of computer systems with a strong foundation in algorithms, problem-solving, and software development. A diverse set of elective courses provides experience with emerging technologies, such as artificial intelligence, bioinformatics, data mining, graphics, human computer interaction, Internet programming, networking, parallel computing, and software engineering.

For our students, a computer science degree prepares them for a wide range of employment options and is a good foundation for graduate study in computer science or other information technology fields.

Mathematics at Virginia Tech

The mathematics program at Virginia Tech offers a strong career-oriented curriculum with four distinct graduation paths:

1. **Applied Computational Mathematics** – Combining mathematics with real-world applications.
2. **Applied Discrete Mathematics** – Merging mathematics with computer science.
3. **Traditional Mathematics** – Offering flexibility with advanced coursework.
4. **Mathematics Education** – Preparing students to teach grades 6–12.

Across all four paths, our faculty are dedicated to both teaching excellence and research innovation — key elements in helping you reach your full potential in mathematics.

With a mathematics degree, you can pursue careers as research associates, software engineers, deep learning researchers, data analysts, business technology analysts, cybersecurity engineers, and more. Our graduates have found success at organizations such as Amazon, Google, Deloitte, MIT Lincoln Lab, Booz Allen Hamilton, IBM, Raytheon, Microsoft, and graduate (masters and doctoral) programs.. For more information, please visit: math.vt.edu/careers and math.vt.edu/advising