



V²CTM

Newsletter of the
Valley of Virginia Council of Teachers of Mathematics

2024 SPRING CONFERENCE

K-12 Data Literacy in the 2023 Mathematics Standards:

**Not a Course for Some,
Rather a Skill Set for All!**

February 29, 2024
Skyline Middle School
Harrisonburg VA



Registration.....4:30 - 5:30 PM
Dinner..... 5:00 - 6:00 PM
Business Meeting..... 5:30 - 6:00 PM
Learning Sessions..... 6:00 - 8:00 PM

REGISTRATION FORM

Registration Deadline
February 15

Registration Fee
Non-Students: \$10
College Students: \$5

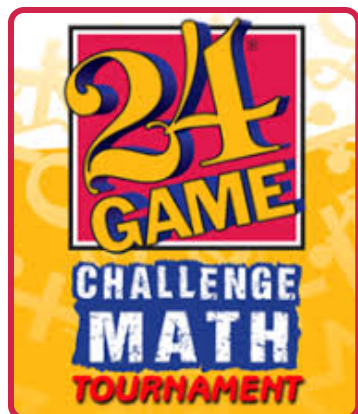
Registration fee includes dinner
(Lasagna, salad, bread, dessert, and beverage)

See pg. 3 for session details
and presenter bios.

Please Bring a Laptop to participate in the sessions

Come for an interactive experience!

The 2023 Standards have a new focus on Data Literacy, including a Data Cycle. Deb Crawford, Theresa Wills, Lisa Bussian, & Jill Keenan, four state leaders in K-12 Data Science, will facilitate grade-band sessions sharing strategies and technology to integrate into your classroom as you work with your students to improve data literacy.



Tuesday
09
APRIL
2024

Regional
Elementary 24-
Challenge
Tournament

Wilson Middle School
Fishersville VA

6 PM

Elementary V²CTM Regional 24 Challenge Tournament

Join us on 4/9 in Fishersville for a night of
challenge and excitement!

[Click HERE to register](#)

an elementary school team of 4 players and up to 2
alternates
by Thursday, March 21.

For more information, please email Laurie Biser, the
24-Tournament Coordinator lbiser@augusta.k12.va.us

Congratulations



2024
Joe Hill Award Recipient
Priscilla May-Maiden
RCPS

Priscilla May-Maiden is an experienced Instructional Technology Resource Teacher for Rockingham County. She holds a Bachelor's Degree from Bridgewater College and a Master's Degree as a K-8 Mathematics Specialist from JMU. As a classroom teacher, she emphasized using problem-based instructional strategies and discourse to teach conceptual mathematics. As an ITRT, she collaborates with teachers throughout the county to integrate technology into their mathematics curriculum. She has presented at conferences, is a mentor in the Noyce Teacher Scholarship Program, and is an adjunct instructor for math education courses at JMU. Currently, Priscilla is assisting with the implementation of a math pilot curriculum and professional development program in Rockingham County.

2024 V² CTM
Scholarship Recipient
Joseph Fuoco
RCPS



Congratulations

V² CTM CONSTITUTION - PROPOSED REVISIONS



[V² CTM Constitution](#)
[2023 Proposal Revisions](#)

ATTENTION
PLEASE!

Feedback and
approval will take
place on February 29,
2024 during the
business meeting.

[V²CTM Constitution](#)
[Clean Proposed](#)



YOUR VOTE
MATTERS

	Name	Expires
President	Brian Nussbaum	Spring 2025
President-Elect	Amanda Rickard	Spring 2025
Board Member (Elementary)	Amy Henderson	Spring 2026
Board Member (Elementary)	Laurie Biser	Spring 2025
Board Member (Middle School)	Michelle Freed	Spring 2026
Board Member (Middle School)	Allison Yoder	Spring 2025
Board Member (High School)	Lori Henderson	Spring 2026
Board Member (High School)	Kara Lafon	Spring 2025
Board Member (Higher Ed)	Jenny Gibson	Spring 2026
Secretary	Alexis Stevens	Spring 2025
Treasurer	Zig Siegfried	Spring 2026

Important Notice!

Voting to Occur at Spring Business Meeting on February 29, 2024

To be informed prior to the board meeting,
please review the ballot to the left.

Job descriptions can be found within the [V²CTM constitution](#).



New Standards

The 2023 Mathematics Standards of Learning were approved by the Virginia Board of Education on August 31, 2023. The Mathematics Standards of Learning for 2023 are a set of guidelines that provide teachers in Virginia with the knowledge of what they are expected to teach to their students and what students are expected to learn.. **The 2023 Mathematics Standards of Learning will be fully implemented during the 2024-2025 school year.**

2023 Mathematics Standards of Learning Documents

- 2023 Mathematics Standards of Learning (K-12) - ([Word](#) | [PDF](#))
- 2023 Mathematics Standards of Learning (K-12) - Overview of Revisions August 2023 ([Word](#) | [PDF](#))

[VDOE 2023 Mathematics Standards of Learning Website](#)

- September 14, 2023 - The Virginia Board of Education adopted the [2024 Mathematics Textbook Review Process](#).
- Mathematics textbooks are currently undergoing the textbook review and approval process. For more information, please visit the [2024 Mathematics Textbook Review Process](#) webpage.

New Textbooks

Spring Conference Details

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Session Descriptions:

K-8: Deb Crawford and Theresa Wills will share the K-8 data learning progression through data investigations for each grade level anchored in the iterative data cycle. Secondly, our participants will try out a data tool kit to use with students. Finally, our participants will see what real student thinking around the big ideas of data literacy looks like by examining student work.

HS: Lisa Bussian and Jill Keenan will immerse you in the iterative data cycle through rich data tasks by course: Algebra I, AFDA, Algebra II, Prob & Stats and Data Science. Participants will explore a tool kit including CODAP, Sheets and Python. The session will conclude with exploring student projects and the Data Science rubric from the high school course.

Our Presenters:



Dr. Deb Crawford serves as the Supervisor of Mathematics & WL in Frederick County Public Schools, VDOE Data Science Lead, as well as an instructor in the Math Ed Center of the Graduate School of Education at George Mason University. Her current projects include coaching on high school student-led research projects around data science with virtual university mentors, implementing the VA Data Science Pilot, and studying Meaningful Assessment in Middle School Mathematics with GMU and Frederick County. crawford@fcpsk12.net @Deb_Crawford

Dr. Theresa Wills Dr. Theresa Wills is an Associate Professor of Mathematics Education at George Mason University and the author of Teaching Math at a Distance, K-12: A Practical Guide to Rich Remote Instruction. They work with in-service mathematics specialists and pre-service elementary and secondary teachers. In early 2020, Theresa helped paved the way for many math educators who had to pivot to online instruction due to the COVID-19 pandemic. Theresa researches mathematics education related to problem solving, representations, and emerging technology. Theresa volunteers with both NCTM and VCTM in conference planning and professional development committees. As a former classroom teacher and math coach, Theresa still volunteers regularly in K-12 classrooms. twills@gmu.edu @theresawills



Lisa Bussian is the Math Department Chair at Patriot High School in Prince William County. A Career Switcher, Lisa has 20 years teaching experience in Middle and High School. She has taught 6th grade math/extended, Algebra 1, 2 - both with honors and currently teaches AP Computer Science Principles, AP Computer Science A and Adv Computer Math. She is a military veteran with 13 years' experience as an Air Force Officer and pilot. Lisa is a member of the VDOE Data Science Course Development & Implementation Lead Teams.

Jill Keenan teaches Data Science, Probability & Statistics and AP CS A at Millbrook HS in Frederick County. Jill is a member of the VDOE Data Science Implementation Lead Team and a former engineer.

