

VCTM '22 Virtual

March 18 & 19, 2022

Keynote Sessions

KEYNOTE SPEAKERS

VCTM 2022

Virginia Council of Teachers of Mathematics
Virtual Annual Conference March 18-19, 2022

2 Nationally Recognized Keynote Speakers
40 Engaging concurrent sessions
Endless networking opportunities

Register today: VCTM.org/VCTM22



Ron Lancaster

University of
Toronto



Amanda Jansen

University of
Delaware

Friday evening Keynote Speaker (7:00pm)

Ron Lancaster – University of Toronto

Zoom Room: Learning Room

Saturday morning Keynote Speaker (9:00am)

Amanda Jansen – University of Delaware

Zoom Room: Learning Room

Zoom Rooms will be released to all registered participants and speakers on Thursday, March 17, 2022 to the email address that was registered.

VCTM '22 Virtual Saturday Concurrent Sessions

Zoom Room	10:15 – 11:15	11:30 – 12:30	12:45 – 1:45	2:00 – 3:00
George Room	1 Using Algebra Tiles to Build Understanding of Expressions and Equations.	11 Helping Students Succeed in Algebra through Manipulatives	21 Foundations for Fluency in Multiplication and Division 3-5	31 A project-based lesson for teaching mean as a balance point.
Mason Room	2 Cultivating Number Sense Through Understanding of Number and Place Value PK-3	12 Strategic Use of Purposeful Questions to Support Productive Struggle	22 Manipulatives in Middle School? Absolutely!	32 Developing Math Fluency in the Middle Grades
University Room	3 Re-Imagining Mathematics Literacy: Perspectives of Secondary Preservice Mathematics Teachers	13 Leveraging Technology to Bridge for Math Strengths- Grade K-5	23 Leveraging Technology to Bridge for Math Strengths- Grade 6-8	33 Accelerate Learning Through Math Centers (K-2)
Patriot Room	4 Developing Math Fluency in Grades K-5	14 Hands-On Learning Can Be Powerful with the Right Tools K-5	24 The Power of Friendly Numbers	34 GeoGebra Constructions & Dynamic Calculations
Virginia Room	5 Making Math Instruction Enjoyable and Accessible for All K-8 Learners	15 Accelerate Learning Through Math Centers (3-5)	25 Build a community of problem solvers 10 minutes at a time	35 Routines for Equity
Graduate Room	6 The Mathematics of Congressional Reapportionment: Rounding in Action	16 Using Desmos to Drive Discussion and Build Connections	26 Problem Solving, Persistence and Perseverance: How to integrate the 3 P's into Social and Emotional Learning in the Math Classroom.	36 Meaningful Technology in Mathematics
Freedom Room	7 VDOE Mathematics Update	17 Level Up Your SOL-Based Mathematics Instruction and Address Unfinished Learning Using Legends of Learning!	27 Making 6-12 Math Relevant and Interesting in a Tech-Forward World	37 Teaching Measurement with Mixed-Methods
Learning Room	8 Vertical Articulation to Bridge for Math Strength	18 Fun with Circles!	28 Teaching About Our World with Mathematical Models and Manipulatives	38 Beyond Rote Practice, Making practice engaging, dynamic, and with number-sense in mind.
Green Room	9 The Rewards and Challenges of Integrating Reasoning Routines	19 Make and Take a Lumio by SMART lesson from start to finish!	29 A Specially Formatted 100s Chart to Teach a Multitude of Math	39 Tricked into Thinking
Gold Room	10 Is there a simple formula to improve mathematics students' motivation?	20 Laplace Meets Tesla in a Differential Equations Class	30 The Math Comes First: Rethinking Our Approach to Reviewing for the Big Test	40 The Gini is Out: Measuring Health Disparity (A Numerical Investigation of Cancer Data in Virginia)
Research Room	41 "Partner Power-UP!" We co-PLAN, co-INSTRUCT, and co-ASSESS to meet the needs of ALL our students!			

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