



## Fall Meeting October 16 at Turner Ashby HS

The Fall V<sup>2</sup>CTM Conference will be held on Tuesday, October 16, 2018, at Turner Ashby High School in Rockingham County. It is located at 800 North Main Street, Bridgewater, VA 22812. The meeting will feature break-out sessions by local math



educators. Please register online at [V<sup>2</sup>CTM2018Fall Registration](#) by October 5. Conference registration costs are only \$5 and include a fully catered dinner provided by White Hill Catering. There will be numerous appealing door prizes, including a copy of each of the two *Number Talks* books by last spring's keynote speaker, Sherry Parrish. The program is below:

- 4:30 – 5:00    **Registration**
- 5:00 – 5:45    **Dinner** catered by White Hill Catering (Pork Barbecue, Cole Slaw, Mac 'n Cheese, Garden Salad, Dessert, Sweetened/Unsweetened Tea, and Water)
- 5:45 – 6:00    **Business Meeting:** Laurie Biser, V<sup>2</sup>CTM President
- 6:00 – 7:30    **PreK-2 Session:** *Number Relationships Make (Number) Sense*, Laurie Biser  
*Using Math Journals and Literature to Develop Number Sense*, April Buckmaster
- 3-5 Session:**     *Number Sense Routines*, Amy Henderson  
                                  *Number Talks*, Mary Shifflett
- 6-8 Session:**     *Number Talks in the Middle School Classroom*, Michelle Swartley and Allison Yoder
- 9-12 Session:**    *Number Talks in the High School Classroom*, Dr. Liz Arnold and Dr. Zareen Rahman

# Local Math Educators to Present at Spring Conference

## **PreK-2 Session: *Number Relationships Make (Number) Sense***

Strong number sense emerges over time from a web of foundational ideas and relationships. It grows through meaningful experiences that cause students to think about number in a variety of ways. In this session, we will learn about four different types of number relationships critical in developing number sense and explore ways to emphasize these through number talks. Supporting resources will be provided.

Laurie Biser is an Elementary Instructional Supervisor with Augusta County Public Schools. Prior to her work in Central Office, she served as an Instructional Coach, Intervention Specialist, and Elementary Classroom Teacher. She has enjoyed serving on the V<sup>2</sup>CTM Board in various positions for many years.

## **PreK-2 Session: *Using Math Journals and Literature to Develop Number Sense***

This session will focus on using children's literature and math journals as springboards for number talks in the primary grades. Participants will sample tasks that encourage mathematical discourse with our littlest learners.

April Buckmaster is a first grade teacher at Elkton Elementary School in Rockingham County, where she serves as the school's Math Curriculum Leader. Prior to teaching first grade, she taught second, third, and eighth grade mathematics.

## **3-5 Session: *Number Sense Routines***

This session will focus on a variety of number sense routines that you can use in your classroom to encourage mathematical discourse and thinking among your upper elementary students.

Amy Henderson is the Elementary Mathematics Coordinator for Harrisonburg City Schools. Prior to her role as Coordinator, she served as a Math Coach and Specialist in Harrisonburg City Schools. She taught in Greene and Roanoke Counties before teaching in Harrisonburg City.

## **3-5 Session: *Number Talks***

This session will focus on the application of number talks in upper elementary classrooms. We will be reviewing the basics and instructional benefits of number talks and their role in developing number sense and mental math strategies. Examples will be shown from different grade levels. The session will culminate with time to engage in practicing and planning number talk lessons.

Mary Shifflett is in her sixth year as a third grade teacher at Mountain View Elementary School in Rockingham County, where she serves as the school's Math Curriculum Leader.

## **6-8 Session: *Number Talks in the Middle School Classroom***

This session will focus on the use of a daily number sense routine in a middle school classroom. The overall ideas are rooted in Sherry Parrish's writing on number talks. The session will include a presentation of different types of number talks, ways to implement number talks into daily class routines, and the power of number talks to increase communication of thinking, mental math and number sense skills.

Allison Yoder and Michelle Swartley are both sixth grade math teachers at Thomas Harrison Middle School in Harrisonburg City Public Schools. Allison is in her sixth year of teaching, and Michelle is in her eighth year. Allison is currently working on her graduate degree through Virginia Commonwealth University, and Michelle was the recipient of the first annual V<sup>2</sup>CTM conference grant.

## **9-12 Session: *Number Talks in the High School Classroom***

The presentation will focus on explaining the main ideas of number talks and making them accessible to teachers at the high school level. Participants will engage in discussions about the challenges in their own classrooms related to fostering mathematical discourse. In this hands-on workshop, participants will have the opportunity to develop plans to design their own number talks, keeping in mind the needs of their students and relevant content area.

Dr. Zareen Rahman is an Assistant Professor of Mathematics Education at James Madison University in the Middle, Secondary and Mathematics Education Department. She has taught in New Jersey public schools and received her Ph.D. in Mathematics Education from Montclair State University in New Jersey. She is interested in the influence of research-based mathematics curricula on both student learning as well as teacher learning.

Dr. Liz Arnold is an Assistant Professor of Mathematics Education in the Department of Mathematics and Statistics at James Madison University. She has taught numerous mathematics and statistics content courses for pre-service elementary and secondary teachers. Her research interests primarily focus on the cognitive use of technology in the classroom, mathematical modeling, and the preparation and development of secondary mathematics and statistics teachers.



## Grant Opportunities



### V<sup>2</sup>CTM Conference Grants

Up to \$400 toward VCTM conference attendance  
Applications are due by December 14, 2018

For more information and an application, visit [V<sup>2</sup>CTM GrantApp](#)

### VCTM First-Timers Grant

\$800 toward first NCTM conference or \$400 toward first VCTM conference  
Applications are due by December 2, 2018

For more information and an application, visit [vctm.org/Grant-First Timers](http://vctm.org/Grant-First_Timers)

### VCTM Professional Development Grant

Up to \$1,000 to attend conferences, workshops, or provide tuition reimbursement  
For more information and an application, visit [vctm.org/Grant-PD](http://vctm.org/Grant-PD)

### Flanagan Innovation in Mathematics Education Grant

Up to \$5,000 to make a positive difference in student achievement and motivation toward mathematics  
For more information and an application, visit [vctm.org/grant-flanagan](http://vctm.org/grant-flanagan)

#### 2018-2019 V<sup>2</sup>CTM Officers

President ..... Laurie Biser, Augusta County Schools ([lbiser@augusta.k12.va.us](mailto:lbiser@augusta.k12.va.us))  
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## H. Joseph Hill Award for Excellence in Mathematics Education

Please consider nominating a colleague (or yourself) for this V<sup>2</sup>CTM award. Nominees should have taught for at least five years and should demonstrate outstanding work in the field of mathematics education. For further information and to make a nomination, please visit [V<sup>2</sup>CTM JoeHillAward](#).

### Upcoming Events

#### NCTM 2018 Regional Conference

Hartford, Connecticut, October 4-6, 2018

Registration information is available at: [nctm.org/hartfordreg/](http://nctm.org/hartfordreg/)

#### VCTM Annual Conference 2019

For the Love of Students, We Teach Mathematics

Longwood University, March 8-9, 2019

Registration information is available at [vctm.org/VCTM19](http://vctm.org/VCTM19)

Speaker proposals now being accepted through December 1, 2018

#### Expanding Your Horizons

One-day science and math conference for girls in grades 6-9

James Madison University, March 16, 2019

Information is available at [jmu.edu/mathstat/eyh/index.shtml](http://jmu.edu/mathstat/eyh/index.shtml)

#### Regional 24 Challenge Tournament

All elementary schools are invited to participate!

Wilson Middle School, Fishersville, VA

6:00pm

Date: April 4, 2019

Contact Laurie Biser ([lbiser@augusta.k12.va.us](mailto:lbiser@augusta.k12.va.us)) for information.

### V<sup>2</sup>CTM Fall 2018 Conference Registration

To register, please access the online registration form at [V<sup>2</sup>CTM2018Fall Registration](#). The conference fee of \$5.00 will be collected at the door on October 16. Please complete your registration no later than **October 5**, so we will have an accurate dinner count. If you register after the deadline, you may miss out on a delicious dinner.

**See you at Turner Ashby High School on Tuesday, October 16!**

V<sup>2</sup>CTM Reflection  
Jenny Gibson, Editor  
James Madison University  
Department of Mathematics and Statistics

**PLEASE SHARE THIS NEWSLETTER WITH ALL MATHEMATICS  
TEACHERS, GRADES PreK-12**