

The V²CTM Reflection



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THE VALLEY OF VIRGINIA COUNCIL OF TEACHERS OF MATHEMATICS

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Spring Meeting March 16 at Fort Defiance HS

The Annual Spring V²CTM Meeting will be held on Wednesday, March 16, at Fort Defiance High School in Augusta County. The conference will feature a presentation about the new 2016 Mathematics Standards of Learning from Michael Bolling, Director of Mathematics at the Virginia Department of Education. To get to Fort Defiance High from the north, from Interstate 81S take Exit 235 (Weyers Cave). Turn right (west) to get to US 11. Take US 11 South to Fort Defiance, approximately 4 miles. Turn right at the stoplight onto Fort Defiance Road. FDHS is on the right in 500 yards. From the south, take Exit 227 (Verona) from Interstate 81N then go west on Route 612 to US 11. Follow US 11 north 4 miles to Fort Defiance. Turn left onto Fort Defiance Road. FDHS is on the right in 500 yards. Register on-line at <http://v2ctm.org>. Registrations need to be in before March 9. Conference registration costs are only \$5 and include a fully catered dinner provided by White Hill Catering. There will be numerous appealing door prizes! The program is below:



4:30 – 5:00 **Registration**

5:00 – 5:45 **Dinner** catered by White Hill Catering (Chicken Pot Pie, Vegetable Casserole, Mashed Potatoes, Broccoli Salad, Rolls, Dessert, Sweetened/Unsweetened Tea, and Water)

5:45 – 6:00 **Business Meeting/Door Prizes:** Anne Loso, V²CTM President

6:00 – 8:00 **Featured Presentation:**
SOL Revisions and the State of Mathematics in Virginia, Michael Bolling

Director of Mathematics at VDOE to Discuss New SOLs



Michael Bolling is the highly respected Director of Mathematics and Governor's Schools at the Virginia Department of Education, a position he has held for seven years. Prior to joining the VDOE, Michael served as Instructional Specialist for Chesterfield County Public Schools, Mathematics and Science Coordinator for Powhatan County Schools, and as a classroom teacher in Hanover County. He has held leadership roles within many mathematics educational organizations including NCTM, VCTM, VCMS, VMSC, and GRCTM and has presented at the local, state, and national levels. His talk at the March 16 V²CTM Spring Meeting is entitled *SOL Revisions and the State of Mathematics in Virginia*.

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Passing the Baton...

This newsletter marks the end of my 23 year stint as V²CTM's *Reflection* editor. I am happy to pass the position on to the very capable hands of Jenny Gibson, just as I passed on the mathematics supervision role in Rockingham County to her when I retired from Rockingham County Public Schools in 2012. I will continue my role as Instructor in the Teacher Education Program at Bridgewater College and remain active in V²CTM. I have seen with great pride how this organization has grown in numbers and influence over the years. The upcoming spring conference featuring Michael Bolling is just an example of the importance of V²CTM. When you see all of the tremendous resources available to mathematics teachers in Virginia on the VDOE website, Michael is the one to thank. His leadership has been extraordinary. What he presents on March 16 is important for all who teach math in Virginia. I hope to see you there! --Joe Hill

V²CTM Slate of Officers for 2016-18

At the business meeting on March 16, the following slate of officers will be presented:

President-Elect: Laurie Biser, Augusta County Public Schools

Treasurer: John (Zig) Siegfried, James Madison University

Board Members: Angie Deitz, Augusta County Public Schools; Ellen Avalos, Harrisonburg City Public Schools; and Missy Luikart, Rockingham County Public Schools

Newsletter Editor: Jenny Gibson, Rockingham County Public Schools

Boys are Better at Math? Not so in Virginia....

So girls aren't as good at math as boys, huh? Take a look at the last five years' SOL test results in mathematics sorted by gender. A green box indicates that the two genders scored the same; a blue box indicates that males outscored females, and a pink box indicates that females outscored males. Of the 45 tests, boys came out on top on only two. On last spring's tests, for example, girls outscored boys on all nine tests!

Virginia SOL Tests by Gender	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
	% Pass	% Pass	% Pass	% Pass	% Pass
Mathematics Grade 3					
Female	92	63	65	67	75
Male	90	64	65	67	74
Mathematics Grade 4					
Female	89	70	75	81	84
Male	88	70	74	79	83
Mathematics Grade 5					
Female	90	68	70	75	81
Male	88	66	67	71	77
Mathematics Grade 6					
Female	74	76	80	78	85
Male	71	72	75	74	80
Mathematics Grade 7					
Female	79	59	63	68	75
Male	75	56	59	62	69
Mathematics Grade 8					
Female	85	63	64	70	77
Male	80	57	59	63	70
Algebra I					
Female	96	78	79	82	86
Male	93	72	73	75	79
Geometry					
Female	86	74	76	79	82
Male	87	73	75	76	79
Algebra II					
Female	91	70	76	83	87
Male	90	69	75	81	86

Maria Swartzentruber To Receive V²CTM Award

Each year, the Valley of Virginia Council of Teachers of Mathematics recognizes a classroom teacher on the elementary, middle, secondary, university, or math specialist/coach level for his/her outstanding work in the field of mathematics education with the H. Joseph Hill Award for Excellence in Mathematics Education. At the March 16 V²CTM conference, the 2016 award will be presented to Maria Swartzentruber from Linville-Edom Elementary School in Rockingham County. Maria graduated from Eastern Mennonite University in 2011 with a Bachelor's degree in Elementary Education. She will graduate with her Masters from EMU this summer in Curriculum and Instruction with a focus in math. A 5th grade teacher, she has been the math team leader at LEES for the last three years and was chosen in 2012 - 13 as her school's Teacher of the Year. She has led various workshops within Rockingham County for elementary math teachers on topics such as number sense.

Maria was nominated by Jenny Gibson, Mathematics Coordinator for Rockingham County Public Schools. Here is what Jenny wrote about her: "Maria Swartzentruber is a phenomenal math teacher. She engages her students in robust mathematical conversations, requiring reasoning and communication from all of her learners. She designs lessons that are both fun and meaningful, helping her students develop conceptual understanding as well as procedural fluency. Her students love her math class and excel under her care. Maria is a model for others to follow; we're lucky to have her in Rockingham County Public Schools."

Regional 24 Challenge Tournament Scheduled for April 12

The Annual Regional 24 Challenge Tournament, hosted by Augusta County Schools and sponsored by V²CTM, is scheduled for Tuesday, April 12 at Wilson Middle School. The Emcee will be John Stevens. If your school would like more information about this tournament please contact Laurie Biser (lbiser@augusta.k12.va.us). Last year Wilson Elementary School dominated the tournament. The winners, all from WES, were as follows:

1st Place:

Jimmy Chen

Finalists:

Aiden Podgorski

Clark Dana

Ethan Briseno

Upcoming Events

VCTM 2016 Annual Conference

University of Mary Washington – Stafford Campus, March 4-5, 2016

V²CTM Annual Spring Conference

Fort Defiance High School, March 16, 2016

Regional 24 Tournament

Hosted by Augusta County Schools
Wilson Middle School April 12, 2016

NCTM 2016 Annual Meeting & Exposition

San Francisco CA, April 13-16, 2016

V²CTM Spring Meeting Registration

There is no paper registration for the spring conference. To register you must access the online registration at <http://v2ctm.org>. You may pay your \$5 conference fees at the door on March 16. Please complete your registration before March 9 so we will have an accurate dinner count.

See you at Fort Defiance High School on Wednesday, March 16!

V²CTM Reflection
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**PLEASE SHARE THIS NEWSLETTER WITH ALL MATHEMATICS TEACHERS,
GRADES K-12**