

# The V<sup>2</sup>CTM Reflection



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THE VALLEY OF VIRGINIA COUNCIL OF TEACHERS OF MATHEMATICS

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## Fall Meeting November 9 at Smithland Elem School

The Annual Fall V<sup>2</sup>CTM Meeting will be held on Tuesday, November 9, 2010, at Smithland Elementary School in Harrisonburg. The meeting will feature three informative breakout sessions, dinner, and a general session provided by Patsy F. Kanter, author of *Everyday*



*Counts Calendar Math*. To get to Smithland, from Interstate 81 take Exit 247 (US 33 East). Immediately get into left lane, then turn left at first traffic light onto Linda Lane. Continue through this light; turn right when you see the school signs: Smithland Elementary adjoins Skyline Middle on the right. Registration is available on-line at <http://www.rockingham.k12.va.us/register>. Registrations need to be in before November 2. Conference registration costs are only \$5 and include a fully catered dinner is provided at no cost by the Specialized Curriculum Group of Houghton Mifflin Harcourt. The program is as follows:

4:30 – 5:00     **Registration**

5:00 - 6:00     **Breakout sessions:**

**Elementary Session:** *Everyday Counts Calendar Math* by Patsy F. Kanter

**Middle School Session:** *Watch Math Class Fly By!*, Tricia Cummings, Harrisonburg City Schools

**High School Session:** *Mathematics Pivotal Questions – open ended questions about SOL content* by Kyle Schultz, JMU and Pat Lintner, Harrisonburg High School

6:00 – 6:45     **Dinner** (See article below with details of the catered dinner)

6:45 - 7:00     **Business Meeting:** John Matherly, V<sup>2</sup>CTM President

7:00 – 7:45     **General Session:** *Math in Focus - Singapore Math* by Patsy F. Kanter

## National Author/Consultant to Speak at Fall Meeting



V<sup>2</sup>CTM welcomes Patsy F. Kanter to our fall meeting where she will present a breakout session about her publication *Everyday Counts Calendar Math* and a general session about *Singapore Math*. Patsy is an author, teacher, and international math consultant. She worked as the Lower School Math Coordinator and Assistant Principal at Isidore Newman School in New Orleans, Louisiana, for 13 years. Kanter is the author of a number of mathematics programs, including **Afterschool Achievers: Math Club** (K–8) and **Summer Success®: Math** (K–8), and co-author of **Every Day Counts®: Calendar Math**, **Partner Games** (K–6), and **Practice Counts** (1–6). She is a consulting author for **Math in Focus**, which is the U.S. version of Singapore's *My Pals Are Here! Maths*. Both programs are published by Marshall Cavendish, Singapore (part of Times Publishing Limited).

Many thanks also go to Laura Ann Kump, our Math in Focus publisher's representative, who is sponsoring Patsy's visit to the Valley and is providing the catered dinner for all participants.

## V<sup>2</sup>CTM Regional 24 Challenge Tournament Scheduled for April 4



Plans are being finalized for the annual V<sup>2</sup>CTM Regional 24 Challenge Tournament to be held on April 4 at Wilson Middle School in Augusta County. Over twenty schools in the Valley are expected to send teams. Any elementary school is welcome to participate. Harvey Almarode will again be in charge of the Regional Tournament. Details will be sent to schools later this year.

### 2010-2011 V<sup>2</sup>CTM Officers

President ..... John Matherly, Augusta County Schools ([jmatherly@augusta.k12.va.us](mailto:jmatherly@augusta.k12.va.us))  
VCTM/NCTM Representative ..... LouAnn Lovin, James Madison University ([lovinla@jmu.edu](mailto:lovinla@jmu.edu))  
Secretary ..... Jenny Gibson, Rockingham County Schools ([jgibson@rockingham.k12.va.us](mailto:jgibson@rockingham.k12.va.us))  
Treasurer ..... Judy Phillippi, James Madison University ([phillija@jmu.edu](mailto:phillija@jmu.edu))  
Newsletter Editor ..... Joe Hill, Rockingham County Schools ([jhill@rockingham.k12.va.us](mailto:jhill@rockingham.k12.va.us))  
24 Challenge Coordinator ..... Harvey Almarode, ([halmarode@gmail.com](mailto:halmarode@gmail.com))  
Board Members: Robert Hanson, James Madison University ([hansonjr@jmu.edu](mailto:hansonjr@jmu.edu)), Laurie Biser, Augusta County Schools, ([lbiser@augusta.k12.va.us](mailto:lbiser@augusta.k12.va.us)), Kara Velez, Rockingham County Schools ([kvelez@rockingham.k12.va.us](mailto:kvelez@rockingham.k12.va.us)), Pat Lintner, Harrisonburg City Schools ([plintner@harrisonburg.k12.va.us](mailto:plintner@harrisonburg.k12.va.us)), Chris Noll, Rockingham County Public Schools ([cnoll@rockingham.k12.va.us](mailto:cnoll@rockingham.k12.va.us)), Amy Henderson, Harrisonburg City Schools ([ahenderson@harrisonburg.k12.va.us](mailto:ahenderson@harrisonburg.k12.va.us))

## V<sup>2</sup>CTM Slate of Officers for 2010-11

Because there was no V<sup>2</sup>CTM meeting last Spring since we were busy hosting the Virginia Council of Teachers of Mathematics Conference at JMU, we need to have a special election during the business session at the Fall meeting. The open positions, and the slate of proposed officers is listed below:

President Elect ..... Kyle Schultz, JMU  
Treasurer: ..... Judy Phillipi, JMU  
Board Member: ..... Kara Velez, Rockingham County Public Schools  
Board Member: ..... Laurie Biser, Augusta County Schools  
Board Member: ..... Jean Sterner, Rockingham County Public Schools

## Dinner Menu Announced for Fall Meeting

White Hill Catering from Stuarts Draft has been contracted to provide a sumptuous dinner for our meeting at Smithland Elementary School on November 9. The menu is as follows:

Chicken Tetrazzini  
Seasoned Green Beans  
Steamed Rice  
Rolls and Butter  
Dessert

Sweetened and Unsweetened Tea and Water, Ice  
Disposables

**Many thanks to Houghton Mifflin Harcourt for picking up the tab for this dinner!**

## Upcoming Events

V<sup>2</sup>CTM Spring meeting – date TBA – will feature textbook presentations from publishers

VCTM Spring Conference - *Making Math Monumental* - 11 Mar 2011 • Ramada Plaza Richmond West  
Registration information is available at <http://www.vctm.org>  
Speaker Proposals now being accepted through November 19, 2010

NCTM 2011 Annual Meeting & Exposition  
Indianapolis, IN • April 13-16, 2011  
*Geometry: Constructing and Transforming Perspectives*

## Math Websites

Below are a few math websites you may want to bookmark if you haven't already:

NCTM's Illuminations Website: <http://illuminations.nctm.org/>  
Cool Math Sites: <http://cte.jhu.edu/techacademy/web/2000/heal/mathsites.htm>  
National Library of Virtual Manipulatives: <http://nlvm.usu.edu/en/nav/vlibrary.html>  
IXL Math: <http://www.ixl.com/>

# **New Assessment Information from Virginia D.O.E.**

As stated in Superintendent's Memorandum #138-09, dated May 15, 2009, beginning in 2011-2012, the Standards of Learning (SOL) tests will assess full implementation of the 2009 Mathematics SOL. In preparation for implementation of the new assessments measuring the 2009 SOL, new mathematics test blueprints have been developed.

Assessments developed using the new blueprints will be administered for the first time in the fall 2011 administration for only the end-of-course (EOC) mathematics tests (Algebra I, Geometry, and Algebra II). The remainder of the new blueprints for the grades 3 through 8 mathematics tests will be implemented in the spring 2012 test administration.

## **Field Testing in Spring 2011**

The revised mathematics test blueprints are being shared at this time to accommodate curriculum development and instructional planning. It is imperative that all school division staff understand that the new blueprints do not become effective until 2011-2012. However, school divisions should begin teaching the new content from the 2009 SOL in the 2010-2011 school year as field-test items in spring 2011 will include new content from the 2009 Mathematics SOL.

## **Technology-Enhanced Items**

Some of the items field-tested in spring 2011 on the grades 6, 7, 8 and EOC online tests will be "technology-enhanced." These items will not be multiple-choice and will allow students to indicate their answers in other ways. Technology-enhanced items will also be developed for the mathematics tests for grades 3, 4, and 5 but will not be fully implemented until 2012-2013.

Practice Opportunities for Students Approximately 10 practice test questions will be available for each mathematics test (grades 3 through 8 and EOC). These practice questions will provide students an opportunity to become familiar with the types of test questions that will be administered as part of the new mathematics tests. In addition, students will be able to practice the alternate ways of indicating their answers available in the new technology-enhanced items. Practice questions will be available to students by February 2011 on the Virginia Department of Education Web site. School divisions will be notified when the practice items have been posted.

## **Additional Ancillary Materials**

Some Algebra II field test items will require students to analyze properties of normal distributions and apply those properties to determine probabilities associated with areas under the standard normal curve. While some students will use graphing calculators to respond to these questions, others may wish to use the table of Standard Normal Probabilities (z-table). A copy of the z-table that will be provided to students who are administered these items in spring 2011 is available on the 2010-2011 Ancillary Test Materials Web page.

## **TI-73 Explorer™ Graphing Calculator**

The functionality of the TI-73 Explorer™ calculator is limited. While it has all the functionality required for the EOC mathematics tests that measure the 2001 SOL, it does not have all of the functionality required for some items developed to measure the 2009 Algebra II SOL. Because the Algebra II test for the spring 2011 test administration will have field test questions that measure the 2009 revised SOL, the TI-73 Explorer™ calculator is not recommended for the spring 2011 Algebra II test.

## **New Formula Sheets**

New formula sheets have been developed for use with the grades 6 through 8 and EOC mathematics tests. These formula sheets will be effective for the EOC tests administered in fall 2011 and for the grades 6 through 8 mathematics tests administered in spring 2012. Copies of the new formula sheets may be found on the 2011-2012 Ancillary Test Materials Web page.

# **Number and Operations Courses Offered at JMU for K-6 Teachers**

Three courses will be offered, each focused on a different grade band (K-1; 2-3; 4-6), during the Spring 2011 semester and in early Summer 2011. Each course consists of a combination of face-to-face and online activities and will focus on the two content strands, Number/Number Sense and Computation/Estimation. Participating teachers earn a \$350 stipend after completion of a course. Materials and books will be provided. Want to sign up? Have questions? Contact LouAnn Lovin at [lovinla@jmu.edu](mailto:lovinla@jmu.edu).

## **V<sup>2</sup>CTM Fall 2009 Meeting Registration**

There is no paper registration for the conference this time. To register you must access the online registration at <http://www.rockingham.k12.va.us/register>. You may pay your \$5 conference fees at the door on November 9. Please complete your registration no later than November 2 so we will have an accurate dinner count.

# **See you at Smithland Elementary School on Tuesday, November 9!**

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