



## Spring Meeting Set for April 19 at Harrisonburg High

### Focus Topic: *Special Needs Learners in the Mathematics Classroom*

The Annual Spring V<sup>2</sup>CTM Meeting will be held at Harrisonburg High School on Tuesday, April 19, 2005. To get there from Interstate 81, take exit 247 to US 33 west. At the first stop light, take a left onto Cantrell Ave. After entering Cantrell Ave., go through 5 stop lights. The end of Cantrell Ave. will empty into the school parking lot. Registration is available on-line at <http://www.rockingham.k12.va.us/v2ctm/register.html>. A registration form is also available on the last page of this newsletter. Dinner registrations need to be in before April 14. ALL THOSE WHO ATTEND WILL RECEIVE A FREE DINNER! The program is as follows:

4:30 - 5:00 Registration including Hospitality Center courtesy of John C. Myers Elementary School.

5:00 – 6:00 Keynote Speaker: Maggie Kyger, James Madison University  
**“This Isn’t Your Parents’ Classroom: Teaching Today’s Learners”**  
Maggie’s focus will be on the special needs learner in general mathematics classroom. The ideas she will emphasize are informative for work with all learners, not just special needs learners.

6:00 – 6:45 Dinner

6:45 – 7:00 Business Meeting: LouAnn Lovin, President

7:00 – 8:00 Breakout Sessions:

#### **Math Strategies for the Challenged Learner and Special Needs Children.**

Heidi Cline, John C. Myers Elementary School.

Heidi will share topics such as touch math, X strategies, division strategies, touch money, and math strategy notebooks.

#### **Engaging Minds: Teaching Math to Middle School Students with Learning Disabilities.**

Melinda Burchard, James Madison University.

Melinda will share a variety of effective ideas that she has used to prepare students for the 8<sup>th</sup> grade SOL math test.

#### **Including All Students: Teaching Math in the Inclusion High School Classroom**

Diana Flick and Leigh Ann Rucker, Harrisonbug High School.

Diana and Leigh Ann will share strategies that they have used over the past couple of years with special needs learners in high school Geometry.

Joe Hill 4/2/05 3:12 PM

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## Celebrate Math Month!

April is traditionally Math Month. Is your school doing anything special to celebrate it? John C. Myers Elementary School always does, and Susan Anderson and Brenda Maddox shared some of their ideas at the Spring VCTM Conference in Williamsburg. To read about some of their great ideas, visit this website: <http://www.rockingham.k12.va.us/math>. Download the Outline of their presentation and you'll see tons of ideas for school-wide and classroom activities to celebrate April as Math Month. Also included on the website are grade-level calendars, K-5, with daily activities for students to do. Susan, Judy Kidd, and LouAnn Lovin made a similar presentation at the 82<sup>nd</sup> annual NCTM conference in Philadelphia in 2004.



## Summer 2005 Graduate Mathematics Courses for Teachers Offered by James Madison University

### *Numbers & Operations*

This course is designed for middle grades (4th-8th) teachers that want to enhance their understanding of numbers and operations concepts. Connections to middle school curriculum will be emphasized. The course is made available via financial support from the Virginia Department of Education. As such, course materials and half of the tuition costs are covered by the grant, and participants receive a \$200 stipend. Notify Laurie Cavey ([caveylo@jmu.edu](mailto:caveylo@jmu.edu)) to pre-register for the course. This course will meet June 13-17, 20-24 from 8:30 AM - 1:00 PM each day.

### *Data Analysis, Probability & Statistics*

This course is designed for middle grades (4th-8th) teachers that want to enhance their understanding of data analysis, probability and statistics concepts. Connections to the middle school curriculum will be emphasized. The course is made available via financial support from the Virginia Department of Education. As such, course materials and half of the tuition costs are covered by the grant, and participants receive a \$200 stipend. Notify Laurie Cavey ([caveylo@jmu.edu](mailto:caveylo@jmu.edu)) to pre-register for the course. This course will meet June 27-30; July 6-8, from 8:30 AM- 3:00 PM each day.

### *MATH 520: Geometry for Teachers*

This course is designed for high school mathematics (8th-12th) teachers that want to deepen and extend their understanding of geometry for background and enrichment. Various approaches to the study of geometry will be explored, including vector geometry, transformational geometry and axiomatics. Prerequisite: undergraduate mathematics through linear algebra or geometry. This course is part of a new graduate degree program at JMU, Master of Education in Mathematics. For more information about this program, see <http://www.math.jmu.edu/med/>. To enroll as a non-degree seeking student, see <http://www.jmu.edu/continuingeducation/NDinfo.shtml>. Questions about the course or the masters' program can be directed to Laurie Cavey ([caveylo@jmu.edu](mailto:caveylo@jmu.edu)). This course will meet June 20-24; 27-30; July 6-8, 11-15, from 1:00-3:40 PM each day.

# Virginia Council of Teachers of Mathematics Sponsors

## Math Beauty Contest

VCTM is sponsoring its second annual Math Beauty Contest which is intended to give students throughout Virginia a chance to show their problem-solving ability in “beautiful ways.” To become part of the contest, students submit solutions to problems.. For details on the contest, visit the VCTM website: <http://www.vctm.org>. Winners will be notified by May 30th.

### News from the State Department of Education

- The 2004 Mathematics SOL tests have now been released. To download your copy of the tests, visit this website: <http://www.pen.k12.va.us/VDOE/Assessment/Release2004/index2.html>
- The Virginia Department of Education has released a revised Probability and Statistics Professional Development Module for Elementary and Middle School Teachers. This document is now available on the DOE website at: [http://www.pen.k12.va.us/VDOE/Instruction/Elem\\_M/mprobstat.html](http://www.pen.k12.va.us/VDOE/Instruction/Elem_M/mprobstat.html) This resource is a professional development program designed to assist teachers in implementing the 2001 Mathematics Standards of Learning. It provides a sample of meaningful and engaging activities correlated to the probability and statistics strand of the grades K through 8 Mathematics Standards of Learning. Teachers are encouraged to use this program to enhance teachers' content knowledge and use of instructional strategies for teaching the grades K through 8 probability and statistics strand of the Mathematics Standards of Learning.



### V<sup>2</sup>CTM Slate of Officers for 2005-2007 to be Presented

The following slate of officers for those positions which have a 2005-2007 term will be presented at the Spring meeting:

Secretary: Jenny Gibson Treasurer: Diana Flick  
New Board Members: Amy Henderson, Patrick Lintner, and Robert Hanson

### Cute Website

Try out the activity on this website: <http://digicc.com/fido/> Then see if you can determine how this trick works!

### Special Thanks To HHS

V<sup>2</sup>CTM extends a special thank you to the administration, faculty, and staff of Harrisonburg High School for hosting our spring conference.

#### 2004-2005 V<sup>2</sup>CTM Officers

President ..... LouAnn Lovin, James Madison University ([lovinla@jmu.edu](mailto:lovinla@jmu.edu))  
 Past President ..... Pat Lintner, Harrisonburg City Schools ([plintner@harrisonburg.k12.va.us](mailto:plintner@harrisonburg.k12.va.us))  
 Vice President ..... Judy Kidd, James Madison University ([kiddjb@jmu.edu](mailto:kiddjb@jmu.edu))  
 Secretary ..... Ann Shultz, Montevideo Middle School ([ashultz@rockingham.k12.va.us](mailto:ashultz@rockingham.k12.va.us))  
 Treasurer ..... Diana Flick, Harrisonburg High School ([dflick@harrisonburg.k12.va.us](mailto:dflick@harrisonburg.k12.va.us))  
 Newsletter Editor ..... Joe Hill, Rockingham County Public Schools ([jhill@rockingham.k12.va.us](mailto:jhill@rockingham.k12.va.us))  
 Board Members: Robert Hanson, James Madison University ([hanson@math.jmu.edu](mailto:hanson@math.jmu.edu)), Harvey Almarode, Augusta County Schools ([halmarode@augusta.k12.va.us](mailto:halmarode@augusta.k12.va.us)), Janet Marafino, Rockingham County Schools ([jmarifino@rockingham.k12.va.us](mailto:jmarifino@rockingham.k12.va.us)), Kerry Gehring, Harrisonburg City ([kgehring@harrisonburg.k12.va.us](mailto:kgehring@harrisonburg.k12.va.us)), Susan Anderson, Rockingham County School ([sanderson@rockingham.k12.va.us](mailto:sanderson@rockingham.k12.va.us))

**V<sup>2</sup>CTM 2005 Spring Meeting Registration**

Return this registration form to Joe Hill, Rockingham County Public Schools,  
Suite B County Office Building, Harrisonburg VA 22801. Better yet, register on the web at  
<http://www.rockingham.k12.va.us/v2ctm/register.html>

Name \_\_\_\_\_ Amount Enclosed: \_\_\_\_\_

Circle one:    New Member        Renewal        Membership Dues \$5.00        \_\_\_\_\_

School \_\_\_\_\_ Spring Meeting Dinner    **Free if you attend!**

School Address \_\_\_\_\_ TOTAL ENCLOSED \_\_\_\_\_

Home Address \_\_\_\_\_

E-mail Address \_\_\_\_\_

***DINNER REGISTRATIONS FOR THE SPRING MEETING MUST BE IN BY APRIL 14***

**See you at HHS on April 19!**

V<sup>2</sup>CTM Reflection  
Joe Hill, Editor  
Rockingham County Public Schools  
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Harrisonburg VA 22801

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