

The V²CTM Reflection



THE VALLEY OF VIRGINIA COUNCIL OF TEACHERS OF MATHEMATICS
Volume 34 October 2003 Number 1

Fall Meeting on November 6 at Turner Ashby High

The Annual Fall V²CTM Meeting will be held at Turner Ashby High School in Bridgewater on Thursday, November 6, 2003. Attendees will be treated to their choice of five sessions and a delicious, free dinner compliments of V²CTM and prepared by the TAHS Cafeteria Staff. To get to Turner Ashby High School, from I-81 take Exit 240 (Bridgewater). Proceed on Rt. 257 3.4 miles west



to the Town of Bridgewater. At the stop light of Rt. 257 and Main Street (beside Hardee's) take a right turn and proceed north on Main Street (Rt. 42) 1.3 miles. Turner Ashby High School is on the right at the stop light.

Registration is available on-line at <http://www.rockingham.k12.va.us/register>. A registration form is also available on the last page of this newsletter. Dinner registrations need to be in before November 1. Please register whether you are eating dinner with us or not. Though the dinner is free, a \$5.00 annual membership fee will be collected at the door from those who wish to join the organization. The program is as follows (see descriptions on page 2):

4:00 - 4:45 **Registration.** Thanks to Montevideo Middle School for providing refreshments!

4:45 - 6:00 **K-5 Session I:** *Hands-On Fractions* Jay Wilkins

6-8 Session I: *Let's Go Fishing!* Judy Kidd

9-12 Session I: *Writing Computer Programs using the Graphing Calculator* David Lineweaver and Terry Murray

6:00 – 6:45 **Dinner:** Tossed Salad/ Assorted Dressing, Boneless Chicken Parmesan, Baked Potato, California Mixed Vegetables, Hot Roll, Apple/Cherry Pie, Iced Tea/Coffee

6:45 - 7:00 **Business Meeting.** LouAnn Lovin, President

7:00 - 8:15 **K-12 Session II:** *Teaching Math to ESL Students* Laura Feichtinger, Jackie Schmidt and Tricia Cummings

6-12 Session II: *ExploreLearning* Dr. David Shuster

Hands-On Fractions: Jay Wilkins, a mathematics educator from Virginia Tech, will lead a session in which participants will investigate several manipulatives appropriate for exploring mathematical concepts related to fractions.

Let's Go Fishing! Judy Kidd, James Madison University Math Department, will lead a hands-on session that will examine some methods of data gathering and prediction that will meet Virginia's Standards of Learning in grades 6-8.

Writing Computer Programs using the Graphing Calculator: The graphing calculator has so much programming capability that the entire Computer Math course can be taught using only graphing calculators - no need to learn Java or C++ to teach programming to your students. Bring your TI-83+ graphing calculator and you will be writing programs you can use in any math class. Hear from two teachers who spent their summer writing curriculum and training materials for the DOE related to Computer Math and the graphing calculator!

Teaching Math to ESL Students: FASTmath, a curriculum used with ESL students, was the topic of a presentation at the conference last spring. Laura Feichtinger, an ESL teacher at Keister Elementary, Jackie Schmidt, a 6th grade teacher at Thomas Harrison Middle School, and Tricia Cummings, a mathematics teacher at Harrisonburg High School, have been using FASTMath in their ESL math classes. During this session, these teachers will share their experiences with FASTmath and the strategies they are using to meet the needs of ESL students.

Explore Learning: Dr. David Shuster, the Chairman and Founder of ExploreLearning will demonstrate the company's new online interactive simulation library for math and science in grades 6 to 12. The library contains various inquiry-based math and science problems that are aligned with state and national standards. ExploreLearning has won many awards for its pioneering work in interactive online learning including Macromedia's eLearning Innovation Award and District Administration Magazine's Diamond Award for Mathematics. Dr. Shuster is looking forward to presenting at VVCTM and to getting your feedback on the new work his company is doing.

Joe Hill 10/13/03 2:25 PM
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Upcoming Meetings

Virginia Council for Mathematics Supervision (VCMS) <http://www.vctm.org/vcms>

December 15-16, 2003

Sheraton West Hotel, Richmond, VA

Virginia Council of Teachers of Mathematics (VCTM) <http://www.vctm.org>

27th Annual Conference "Investigations in Geometry"

March 25-27, 2004

Richmond Marriott, Richmond VA

National Council of Teachers of Mathematics (NCTM) <http://www.nctm.org>

82nd Annual Meeting: "Defining Mathematics for All"

April 21-24, 2004, Philadelphia, PA

2003-2004 V2CTM Officers

President.....	LouAnn Lovin, James Madison University (lovinla@jmu.edu)
Past President	Pat Lintner, Harrisonburg City Schools (plintner@harrisonburg.k12.va.us)
Secretary.....	Ann Shultz, Montevideo Middle School (ashultz@rockingham.k12.va.us)
Treasurer	Diana Flick, Harrisonburg High School (dflick@harrisonburg.k12.va.us)
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Newsletter Editor	Joe Hill, Rockingham County Public Schools (jhill@rockingham.k12.va.us)
Board Members:	Robert Hanson, James Madison University (hanson@math.jmu.edu), Harvey Almarode, Augusta County Schools (halmarode@augusta.k12.va.us), Josh Folb, Winchester City Schools (folb.josh@wps.k12.va.us)

**The Virginia Council of Teachers of Mathematics
Invites you to experience challenging and authentic
INVESTIGATIONS IN GEOMETRY**

Presented by

The NCTM Academy for Professional Development

And hosted by VCTM at the 27th Annual

SPRING CONFERENCE

March 25 – 27, 2004

Richmond Marriott

Richmond, Virginia

Specific Institutes for Grade Bands K-2, 3-5, 6-8, and 9-12!

Visit the VCTM website: www.vctm.org or the NCTM website: www.nctm.org

Limited Seating Available!

PLAN NOW TO ATTEND

Registration Deadline: February 27, 2004

Discounted early registration available until December 1, 2003

Co-Hosted by the **Virginia Council of Teachers of Mathematics** and available only from NCTM, the Academy Institutes are mathematically challenging, intensive, and informative. This high-quality professional development opportunity will show you how to put the *Principles and Standards for School Mathematics* into practice, engage you in hands-on activities, and give you ideas for immediate use in your classroom. Whether you're a new math teacher or have years of experience, you'll find excellent help in guiding your students toward a successful and rewarding experience in mathematics! **Enrollment is limited**, so **REGISTER TODAY** and join other dedicated professionals in this unique, rich learning environment where you will experience how a mathematics classroom should look, sound, and feel.

To register, CALL NCTM Customer Service at (800) 235-7566, 8:30am - 5:30pm ET, OR FAX registrations forms to (703) 476-2970 (forms are available at www.nctm.org/academy)

Don't forget that DISCOUNTED early registration closes Monday, December 1, 2003!

For more information on this and other upcoming Academy Institutes, please visit: www.nctm.org/academy



The NCTM Academy is a professional development program by the National Council of Teachers of Mathematics, 1906 Association Drive, Reston, VA 20191-1502, (703) 620-9840.

V²CTM Fall 2003 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/register>

Name _____

School _____

School Address _____

Home Address _____

E-mail Address _____

Check one:

I will attend the November 6 meeting AND eat dinner at the conference. The dinner is free! Membership dues (requested but not required from those who attend) are \$5.00, payable at the door.

I will attend the November 6 meeting but will NOT be eating dinner at the conference. Membership dues (requested but not required from those who attend) are \$5.00, payable at the door.

I will be unable to attend the November 6 meeting. Note: your \$5.00 membership dues may be mailed to Diana Flick, Treasurer, c/o Harrisonburg High School, 395 South High Street, Harrisonburg VA 22801.

DINNER REGISTRATIONS FOR THE FALL MEETING MUST BE IN BY NOVEMBER 1

See you at TAHS on November 6!

V²CTM Reflection

Joe Hill, Editor

Rockingham County Public Schools

Suite B, County Office Building

Harrisonburg VA 22801

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