



SOUTH CAROLINA COUNCIL OF TEACHERS OF MATHEMATICS

Conference Issue
August 2011

SCCTM Newsletter

SCCTM Fall Conference: Transporting Math from the Past to the Future

October 27-28, 2011

This year's SCCTM conference will be an exciting, informative event and we hope you will find time in your fall schedule to attend one or both days. Many sessions, workshops, and mini-courses are scheduled that will address classroom instruction, core standards, student engagement, and a wide variety of other topics that you will find helpful and interesting. The keynote speakers for this year are Glenna Tabor (Thursday) and Dr. Edward Burger (Friday). Please see the next pages of this newsletter for more information and/or registration. Hope to see you in October!

Dot Hardin
2011 Program Chair



To teach is to
learn twice.

Joseph Joubert

Special Events: Math Trails & Authors Luncheon

Aquarium Math Trails will be offered on both Thursday and Friday afternoons. Another Math Trail, focusing on the history and haunts of Charleston, will be Thursday evening. Details about these math trails are posted on the SCCTM website (www.scctm.org).

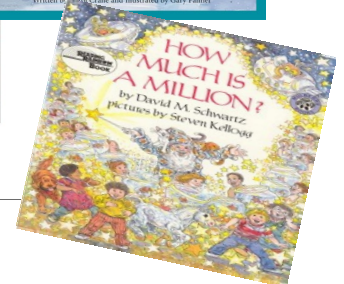
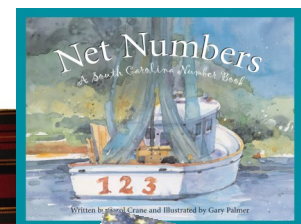
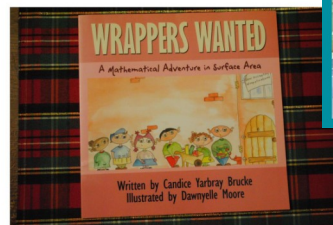


At 11:30 on Friday, October 28, math teachers will celebrate the importance of reading in our mathematics classrooms at the Authors Luncheon. Authors and their topics are...

Candice Brucke **WHAT IF WE READ IN MATH CLASS?**

Carol Crane **WHAT INSPIRES A WRITER? -- A look at one writer's life**

David Schwartz **DISTANT STARS AND HOPPING FROGS: This nationally known author turns his childhood musings into award-winning books.**



See pages 2-8 for more information about this year's conference!

Conference Issue

Dr. Ed Burger—*Sponsored by Holt McDougal Publishing*



Edward Burger is Professor of Mathematics and Lissack Professor for Social Responsibility and Personal Ethics at Williams College. He has been appointed as Vice Provost for Strategic Educational Initiatives at Baylor University for one-year beginning July 2011. He is an associate editor of the *American Mathematical Monthly* and *Math Horizons* Magazines.

Dr. Burger serves as a Trustee of the Kenan Institute for the Arts at the University of North Carolina School of the Arts. He appeared on a mathematics segment for NBC-TV on the *Today Show* throughout the 2010 Winter Olympic coverage.

His research interests include algebraic number theory, Diophantine analysis, geometry of numbers, and the theory of continued fractions. He teaches abstract algebra, the art of creating mathematics, and Diophantine analysis. Dr. Burger is the author of many research articles, books, and video series. His work includes *The Heart of Mathematics: An Invitation to Effective Thinking* and *Zero to Infinity: A History of Numbers*. He is one of the authors of the Holt McDougal textbooks and videos "*Middle School Mathematics*."

Dr. Burger will present the keynote address on Friday, October 28, at 9:15 AM.

Glenna Tabor—*Tabor Rotation Consulting*

Glenna Tabor is recognized nationwide as a groundbreaking educational theorist, practitioner, and the developer of the effective format for implementing the essential components of differentiated, small group instruction within the classroom, *Tabor Rotation*.

She works weekly with teachers, administrators, and in classrooms across the country helping them to fully implement in mathematics the same small group techniques that are long recognized as effective in literacy.

Glenna began her career as a resource teacher, media specialist, and a classroom teacher. She has served as an adjunct member of the faculty at Regent University, an ASCD Professional Development Institute staff trainer, and as a mathematics consultant for Insight.

Her innovative classroom techniques have been reported in the *Reader's Digest* and *The Washington Post*. She is the managing director of Glenna Tabor Consulting, a private company which provides unique training seminars, online webinars, on-site workshops and professional de-

velopment to schools across the country.

Glenna Tabor will present the keynote address on Thursday, October 27, at 9:15 AM.

She will also lead two mini-sessions—one Thursday afternoon and another on Friday morning. Be sure to check the program for times and locations.



Authors Luncheon—October 28, 11:30 AM

Join us for lunch and presentations from three authors who will share the importance of reading in the mathematics classroom.



Candice Brucke has taught middle school for over 20 years, including 13 years as a middle grades math teacher. Candice is also an accomplished author. Her published books include: Crossing Carolina, a collection of Poetry and Short Stories, Night-Night Town, and Wrappers Wanted: A Mathematical Adventure in Surface Area. She has also written an unpublished book, Math of a Princess. Her article *Connecting Literature with Mathematics Activities Involving Adolescent Literature in Middle Grades Math Class* was published in the SCMSA 2010 Journal. Candice has spoken at past SCCTM Conferences; she presents at national and state conferences on integrating math lessons and children's literature.

Carol Crane loves looking through the kaleidoscope of the past and present. She is a historian and has always been a journal writer. She loves to stop and read historical markers and has taken writing and visual journeys through many states. With forty years experience in children's literature as an educational consultant, she has become widely recognized by many schools and educators around the country for her expertise in children's literature. She speaks at reading conventions and schools, networking with children and educators on the fabric that makes up the quilt of our country. Carol is author of fourteen books with Sleeping Bear Press. Her alphabet books P is for Palmetto, S is for Sunshine, (plus many others) have continued in number books Net Numbers – SC, A Peck of Peaches – Georgia, Wright Numbers – NC and others. Her new narrative Handkerchief Quilt and The Christmas Tree Ship can be immersed into a math curriculum.



David M. Schwartz has been writing books that make math come alive since 1985 when his groundbreaking book How Much Is a Million? was published to wide acclaim. Many of his more recent titles have also won awards and have become staples of elementary and middle school math classrooms by supporting the curriculum in entertaining and enlightening ways. David now lives in California but he travels the USA and the world to share his passions for math and writing with young audiences. His engaging props, his talent for storytelling and his delightful sense of humor inspire children to think, laugh and learn at the same time. They (and their teachers) find they can actually enjoy math and see its relevance to their lives.



David's appearance at the SCCTM Fall Conference is sponsored by McGraw-Hill.

SCCTM is excited to again offer Math Trails in Charleston as a part of
SCCTM's Fall Conference.

Trails are facilitated by the

College of Charleston Pre-Service Students and Education Fellows.

There are a limited number of spots available. Please pre-register for your trail of choice to save your spot. There is no charge for attendance at the trails but you need to first register for the conference. You must wear your conference badge to participate. Complete the registration form for the trail and email the completed form per the instructions on the bottom of each form.

The Aquarium Math Trail

A visit to the South Carolina Aquarium, a showcase for the aquatic life from five major regions of the Southeast Appalachian Watershed.

Thursday and Friday
at 1:30 pm



discoversouthcarolina.com



radianteclipse.com

The Haunted Math Trail

A tour of Charleston's haunted places.

Thursday evening at 6:00pm

Aquarium Math Trail

SCCTM Fall Conference 2011

Charleston is home to the South Carolina Aquarium. It is located on the Charleston Harbor at 100 Aquarium Wharf. The Aquarium is a showcase for the aquatic life from five major regions of the Southeast Appalachian Watershed.

There will be two sessions, one on each day of the conference. Each group of thirty math educators will follow the *Aquarium Math Trail* with the support of a student guide.

Each trail member is asked to bring a **copy of his/her teaching certificate** for **free** entry to the Aquarium and **wear your conference badge**.

Please complete the registration information below in order to save your spot. Remember, there are only 30 spots each day available on a first come first serve basis.

Facilitated by: College of Charleston Pre-Service Students and Education Fellows

Who: SCCTM Members who are attending the 2011 Fall Conference

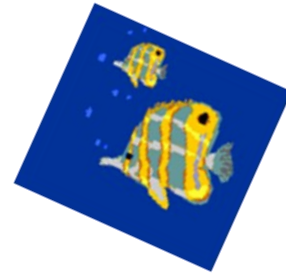
Grade Levels: Middle School Mathematics Teachers

Where: Meet at The South Carolina Aquarium

100 Aquarium Wharf, Charleston

When: October 27, 2011 1:30 PM

October 28, 2011 1:30 PM



Come Join the Fun!!

Name _____ SCCTM Membership # _____

Home Address _____ City _____

State _____ Zip Code _____

Email Address _____

Alternate Email Address _____

Check one: Thursday Friday

Email the completed form to: Debby Jeter at jeterd@cofc.edu

and

William Stevens at stevensw@comcast.net

Haunted Math Trail

SCCTM Fall Conference 2011

Charleston is known for its haunted houses, graveyards, and streets. Come join in the experience of touring these haunted spaces and do the math at the same time.

Six groups of 5 math educators will follow the *Haunted Math Trail* with the help of student guides.

Each trail member is asked to bring a **flashlight** since most places along the trail are poorly lit and wear comfortable shoes. **You will need to wear your conference badge.**

Please complete the registration information below in order to save your spot. There are only 30 spots available on a first come first serve basis.



Facilitated by: College of Charleston Pre-Service Students and Education Fellows

Who: Thirty SCCTM Members who are attending the 2011 Fall Conference

Grade Levels: Third grade teachers - Ninth grade teachers

Where: Meet on the steps of the Customs House, 200 East Bay Street, Charleston

When: Thursday, October 27, 2011 at 6:00 PM

Come Join the Fun!!

Name _____ SCCTM Membership # _____

Home Address _____ City _____

State _____ Zip Code _____

Email Address _____




Alternate Email Address _____

Email the completed form to: Debby Jeter at jeterd@cofc.edu

and

William Stevens at stevensw@comcast.net

Be sure to register for
The Authors Luncheon
Friday, October 28
11:30—1:30

-  Lunch served
-  Presentations by three well-known authors
-  Book signing at the end of the program

Use your conference registration form to also register for this event.

Seating is limited.



South Carolina Council of Teachers of Mathematics

2011 Fall Conference

October 27-28

North Charleston Convention Center