

2017 SCCTM Fall Conference

41st Annual Business Meeting

TD Convention Center in Greenville, SC November 16 – 17

Preliminary Program – Rev. 2, November 15, 2017

Revisions in Green

Teaching the BIG IDEAS Seeing Beyond Today's Lesson



Nationally Acclaimed Keynotes, Sessions, Workshops, Mini-courses
Math Trails, Field Trips and Exhibits
comprise the Conference activities planned at the
TD Convention Center located in Greenville, South Carolina

NOTE IMPORTANT REGISTRATION INFORMATION

The Conference Registration Form, Instruction Sheet and Hotel Information can be found on the conference page of the SCCTM websites www.scctm.org.

Registration Area at the Conference

On Wednesday evening, Thursday, and Friday, registration in the front Lobby of the TD Convention Center will be open during the hours listed below. If you pre-registered for the conference, go to the appropriate Pre-Registered booth where you will receive your Conference Materials. If you did not pre-register for the conference, complete a Conference Registration Form, then take your completed registration form and payment to the On-site registration line. Your Conference Name Badge must be displayed to gain entrance to Conference activities.

Wednesday 15 November 4:30 pm - 7:30 pm

Thursday 16 November 7:30 am - 4:00 pm

Friday 17 November 7:30 am - 9:30 am

Exhibits

Mathematics instructional materials, software, publications, and professional services will be displayed in Conference Hall of the TD Convention Center. Commercial exhibits will be open during the following hours:

Thursday 16 November 8:00 am – 5:00 pm

Friday 17 November 8:00 am - 3:00 pm

Dear SCCTM Members and Fellow Mathematics Educators,



Welcome to the 2017 SCCTM Annual Fall Conference! The Executive Board is pleased to present an extensive program of professional development opportunities. The Conference will take place on November 16 and 17 at the TD Convention Center in Greenville, South Carolina. We will begin the conference with the opening session starting at 8:30 on Thursday morning. This year's theme is:

Teaching the Big Ideas – Seeing Beyond Today's Lesson

We are excited to present some of the most outstanding keynotes and featured speakers. All are nationally known speakers who are in high demand. We are extremely pleased to have them at this year's conference. Biographies of the keynote speakers and featured speakers may be found in the pre-conference newsletter and program booklet. This is a professional development experience that you don't want to miss. The keynote and featured speaker line up consists of the following:

Opening Session Keynote Speaker – Dr. Ed Burger

Keynote Speaker – Kevin Nolten

Keynote and Featured Speaker – Glenna Tabor

Featured Speakers – Bernard Frost and Sandy Bartle Finocchi

Closing Session Featured Author and Keynote Speaker – Lauren Stott

EdVenture, S2TEM Center, and Texas Instruments will sponsor rooms hosting a variety of sessions and workshops. In addition, there will be many sessions and workshops conducted by fellow mathematics educators from South Carolina, the Southeast, and the nation that will give you ideas on how to teach the “**Big Ideas**” in mathematics so that your students will “*See Beyond*” today's lesson. Please make plans to attend the opening session and closing session. From the response we got from last year's conference, know that you will not want to miss out on the ideas and teaching strategies that both speakers will share with us. In addition please attend the annual business meeting held at the end of Thursday sessions. This is where you get to see your South Carolina Council of Teachers of Mathematics leaders in action and find out all the benefits that come with your membership. After attending this year's conference, it is our hope that some of you will want to become a part of the SCCTM leadership team.

On behalf of the Executive Board, I would like to thank each of the conference speakers and attendees, as well as our exhibitors and sponsors, for a successful SCCTM 2017 Fall Conference. We look forward to seeing each of you in Greenville.

Sincerely,

Bill

Bill Whitmire, SCCTM Past President
2017 Fall Conference Program Chair

Registration

The Conference Registration Form/Instructions may be found at www.scctm.org. To register for the conference, complete the on-line form and pay by credit card or mail your registration with payment to

Cindy Parker, SCCTM Registrar
6 Sandalwood Ln
Sumter, SC 29154.

Registrants will be notified by email when their form has been processed.

Your name badge must be displayed to gain entry to sessions, workshops, and exhibits.



..... Hotel Information

Blocks of rooms are available for Conference attendees at Courtyard Greenville Haywood Mall, Hilton Greenville, Hyatt Place Greenville/Haywood, and Sleep Inn @ TD Convention Center. More information can be found at www.scctm.org. Be sure to register as a SCCTM Conference attendee.

Parking

Parking is available at the TD Convention Center for conference attendees.



..... On-Site Food and Beverages

Complimentary AM coffee breaks will be provided. Vouchers will be provided for Lunch in the Conference Hall. Per facility policy, **NO FOOD MAY BE BROUGHT IN FROM OUTSIDE THE CONFERENCE CENTER.**

Conference Programs & Updates



This preliminary conference program for the 2017 SCCTM Fall Conference and Annual Meeting and subsequent updates are available online at www.scctm.org. A Program App will be available this year; watch the Pre-Conference Newsletters for more information. Program Books with complete descriptions for sessions, workshops, and mini-courses will also be available in the conference materials you will receive at the registration area. A Conference Update insert containing information about last minute changes will also be provided.

Commercial Exhibits

Instructional materials, computer software, technology resources, and many other teaching aids will be displayed in the Conference Hall of the TD Convention Center.

NCTM/SCCTM Materials

Review and purchase educational materials in the sales area located at the front of the Conference Hall. Drop by this area and browse through the excellent selection of available materials to assist you in teaching and assessing mathematics standards.

Other Meetings at the Conference



SCLME Wednesday **102C**
SCAMTE Friday, 8:00 am Atrium Alcove

Student Pages

Local high school and college students will serve as pages. They have volunteered their time to assist registrants, speakers, and conference attendees. We have asked that they help ensure that room capacities for all sessions are observed.

Special Needs

Persons in need of interpreters for the deaf and hard of hearing, as well as registrants who are physically challenged and in need of services should contact the site chair, Morondo Lewis at molewis@richlandone.org by October 19, 2017.

Safety Regulations

The TD Convention Center adheres to all fire and emergency evacuation codes. SCCTM asks for your cooperation with the enforcement of these codes.

SCCTM Position

SCCTM will not allow the use of copyrighted materials in sessions unless prior permission has been obtained. References to products by speakers are not to be considered endorsements by the state organization.

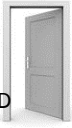
Highlights

Opening Session

Dr. Ed Burger

Thursday, November 16 - 8:30 AM - Room 202BC

BEYOND



The 41st Annual SCCTM Business Meeting and Awards Ceremony

Thursday, November 16 5:15 pm in Room 202C

At the end of the meeting, drawings will be held for
FABULOUS door prizes!
You must be present to win.

Hors d'oeuvres will be Provided

Pick up and bring your refreshments in the 2nd Floor Pre-Function Area
as you go into the meeting and join your peers at the banquet tables.

Keynotes in Room 202C

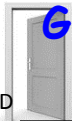
Thursday, November 16

Kevin Nolten, Cyber Innovation Center

Friday, November 17

Glenna Tabor, Glenna Tabor Resources, LLC

BEYOND



Featured Speakers

Thursday, November 16

Bernard Frost

Friday, November 17

Sandy Bartle Finocchi

BEYOND



Highlights

Closing Session

Lauren Stott, Big Ideas Learning, LLC

Friday, November 17 - 2:30 PM - Room 202C

At the end of the meeting, drawings for door prizes.

You must be present to win.

BEYOND



Math Trails

Thursday

Built to SCALE - Walk South Carolina - SCALE Trail

Paris Mountain Math Trail

Friday

Built to SCALE - Walk South Carolina - SCALE Trail

Paris Mountain Math Trail

More information is in Pre-Conference News – Issue 2.

Register online for Math Trails at www.scctm.org.

SPECIAL PRESENTATIONS by

EdVenture Children's Museum in Room 202B

S²TEM Centers in Room 202A

SC Department of Education – refer to program

Texas Instrument on Friday in Room 100B

CASIO on Friday in Atrium Alcove Room

BEYOND



Certificate Renewal Credits

Complete a South Carolina Council of Teachers of Mathematics 2017 Conference Certificate Renewal Credit form after attending your sessions. SCCTM Conference credits are issued under Option #10 of the SC Certificate Renewal Plan.

Preliminary Conference Program Information Content and Organization

Conference presentation information on the following pages is organized as follows:

Time (Type of Session)

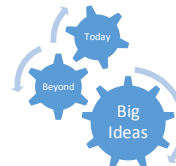
TITLE	Session No.
	Room No.
SPEAKER(s)	Grade Levels

Sessions: 60 minutes

Workshops: 90 minutes

Mini-Courses: 3 hours

Keynote Addresses in Room 202C on Thursday and Friday and other presentations by Featured or Keynote speakers are identified by the following symbol:



Updates will also be posted on our website at www.scctm.org.

Conference Checklist

Did you remember to do the following:

- check the expiration date of your SCCTM membership?
- pay your membership dues?
- complete your registration online (www.scctm.org) or plan to register at conference?
- sign up online for one of the Math Trails?
- reserve your hotel room?
- plan your schedule to include alternative session selections?
- watch for new information in the Pre-Conference Newsletters?



Opening Session 8:30 – 9:30

OPENING SESSION

Sponsored by Houghton Mifflin Harcourt



CREATING MINDFUL STUDENTS THROUGH CREATIVE PUZZLE-SOLVING

DR. EDWARD B. BURGER

202BC Session 1 General

Session 9:45 – 10:45

CHILDREN'S BOOKS AND MATHEMATICS MAKE GREAT PARTNERS 2
201
2-5

NANCY L.SHELL

JUST THE FACTS, MA'AM! MATH FACT FLUENCY – BUILDING BLOCKS FOR CONCEPTUAL SUCCESS 3
104A
3-8

THOM O'BRIEN

IT'S NOT RIGHT, BUT IT'S OKAY: ERRORS AS OPPORTUNITIES IN MATH 4
102C
6-12

CURT WITTHOFF

STAYING ENGAGED AROUND BIG IDEAS IN MATHEMATICS 5
202C
General

BERNARD E. FROST



NEW TEACHER MEETING (YEARS 1-3) 6
Atrium
General

LEIGH MARTIN, BRIDGET COLEMAN

Workshop 9:45 – 11:15

TOOLS FOR ADDITION AND SUBTRACTION 7
101A
PK-2

ROB NICKERSON

IT'S ALL ABOUT READING 8
202B
PK-5

TIFFANY COLLINS

LIGHT, MATHEMATICALLY SPEAKING 9
101B
3-5

CHRISTINA WILSON

CONNECTING THE THREAD: DIVISION ACROSS THE GRADES 10
202A
3-8

MARGARET LORIMER, DEDEE QUINN

MATH FUN "DIE" MENTALS - MATH GAMES 11
102A
3-8

STEPHANIE BAINBRIDGE

LET'S TALK ABOUT MATH...BABY 12
203
6-8

NICHOLE CRIMINGER, HILARY MORGAN

EXPLORING SIMILAR TRIANGLES IN GEOGEBRA; PARALLEL LINES AND PROPORTIONAL PARTS 13
100B
9-12

KALEN IFFERT

APPLYING GEOMETRIC CONCEPTS THROUGH REAL-WORLD, HANDS-ON ACTIVITIES 14
102B
9-12

JENNIFER WILSON

ROCKETS AWAY! GEOMETRY AND ALGEBRA SEND YOU SOARING 15
Atrium Alcove
9-12

TOYEKA A. CAMPBELL

Math Trail 9:45 – 12:45

BUILT TO SCALE – WALK SOUTH CAROLINA IN A MORNING 16
Repeated as 98 Meet in Exhibit Hall
LEE H. GOSNELL 3-8

Mini-Course 9:45 – 12:45

A HANDS-ON APPROACH TO ALGEBRA I 17
Sponsored by National Integrated Cyber Education Research Ctr 103
CRYSTAL ALMOND 8-12

Session 11:00 – 12:00

INTRODUCING GUIDED MATH FRAMEWORK WITH FOCUS ON GUIDED MATH WORKSHOPS 18
102C
PK-8

SAM WILLIAMS

VERTICALITY: MUSINGS OF A HIGH SCHOOL TEACHER IN AN ELEMENTARY TEACHER'S WORLD 19
104A
PK-12

KEVIN D. LOPRESTO

DEVELOPING STUDENTS' UNDERSTANDING OF FRACTIONS THROUGH EQUAL SHARING PROBLEMS 20
201
3-5

CASEY HAWTHORNE, DEMOND CRISS

ARE YOU ASKING THE RIGHT QUESTIONS TO INCREASE STUDENT ACHIEVEMENT? 21
104B
K-5

KEN ORGAIN

KEYNOTE ADDRESS

KEVIN NOLTEN

DEVELOPING TODAY'S STUDENTS FOR TOMORROW'S WORLD

Sponsored by National Integrated Cyber Education Research Center
202C Session 22 General

Math Trail 11:00 – 1:00

PARIS MOUNTAIN MATH TRAIL 23
Repeated as 113 Meet in Exhibit Hall
CAITLIN DABKOWSKI General

Session 11:30 – 12:30

USING TECHNOLOGY TO REASON MATHEMATICALLY WITH THE GAME OF MASTERMIND 24
100B
6-12

LUANN GRAUL, SEAN YEE, GEORGE J. ROY

USING THE INTERNET TO MAKE ALGEBRA FUN AND INTERACTIVE 25
101B
8-9

HELEN HUTTO-PALKA

Workshop 11:30 – 1:00

MAKING THE MOST OF MANIPULATIVES AND ARTS INTEGRATION IN THE EARLY GRADES 26
102A
PK-2

CHRISTI MCWATERS, TARA A. GARDNER

HARNESSING THE POWER OF PLACE VALUE 27
Atrium Alcove
1-5

MARTI KUNTZ

ONGOING FORMATIVE ASSESSMENTS FOR FRACTIONS 28
203
3-6

CATHY DEMERS

THE "KNOWS" OF DOMINOES AND PENTOMINOES 29
102B
4-6

LEIGH ANN WARD

Workshop 11:30 – 1:00 (continued)

SELECTING TASKS TO SUPPORT THE MATHEMATICAL PROCESS STANDARDS 30
202A
Sponsored by S²TEM Centers 6-12
DOROTHY EARLE

VALUABLE LITTLE KNOWN TIPS & TRICKS FOR TI-83/84/CE (COLOR) TI-SMARTVIEW AND SMART BOARDS 31
101A
Sponsored by TI 7-College
TOM REARDON

EDVENTURE-TO-GO! 32
202B
Sponsored by EdVenture
ELENA TUDOR General

Session 12:15 – 1:15

BRIDGE BETWEEN NEW EARLY LEARNING STANDARDS MATH DOMAIN AND CURRENT KINDERGARTEN STANDARDS 33
201
Repeated as 105 PK-K
MARY L. RUZGA

SCDE ASSESSMENT UPDATE: A LOOK AT RESULTS AND CHANGES FOR SC READY AND EOCEP ALGEBRA I 34
102C
Sponsored by SCDE 3-12
DANIEL CAMMISA

BECAUSE DATA IS BETTER WHEN IT'S 2-WAY 35
104B
CAROLYN T. CASSELMAN, **LEVETA A. PIERCE** 6-8

BIG IDEAS IN ALGEBRA - FUNCTIONS IN THE REAL WORLD 36
104A
DIANA OWENS PENDLETON 6-12

HOW TO SURVIVE TEACHING MATHEMATICS IN 2017 AND BEYOND 37
202C
BERNARD E. FROST General



Session 12:45 – 1:45

USING MINECRAFT TO TEACH AREA, PERIMETER, AND VOLUME 38
101B
TONYA MCCULLOUGH 3-5

WHO'S #1? USING ALGEBRA TO RANK SPORTS TEAMS AND OTHER THINGS 39
100B
9-12
KEVIN HUTSON, LIZ BOUZARTH

Mini-Course 1:00 – 4:00

PROJECT-BASED MATHEMATICS FOR ENGINEERING AND SCIENCE 40
103
Sponsored by National Integrated Cyber Education Research Ctr 9-12
JOSHUA CORIELL

Workshop 1:15 – 2:45

CHILDREN'S LITERATURE AND MATHEMATICS 41
202B
Sponsored by EdVenture
DAKOTA DELUCA PK-4

READY, SET, GO MATH! 42
102B
ELLEN MULLIGAN PK-5

POWER PLAY - MATH GAMES FOR TEACHING PLACE VALUE 43
102A
STEPHANIE **BAINBRIDGE** 1-5

USING TECHNOLOGY TO PROMOTE MATHEMATICAL THINKING 44
202A
Sponsored by S²TEM Centers
PAMELA BRICE, DEDEE QUINN 3-5

Workshop 1:15 – 2:45 (continued)

SERIOUSLY FUN MATHEMATICS WITH DICE 45
203
KIM P. LOUCKS, CAROLYN L. HIRST-LOUCKS 3-8

NO "GPSING" ALLOWED: GUIDING PRODUCTIVE STRUGGLE 46
Atrium Alcove
ARETHA SMITH, **SHAMEKIA ADAMS** 6-8

Session 1:30 – 2:30

UNLEASHING MATHEMATICAL POTENTIAL FOR ALL 47
201
KRISTEN HAHN, STEPHANIE KOONTZ PK-5

PROJECT PYTHAGORAS: BIG, YEAR-LONG LESSONS FROM A BABY BEARDED DRAGON 48
104B
DAPHNE HUGHES 6-8

DEVELOPING A CULTURE FOR DISCOURSE IN THE MATH CLASSROOM 49
202C
Sponsored by SCDE 6-8
SANDRA AMMONS

DIFFERENTIATING ASSESSMENT: PROJECTS, PROBLEMS AND INQUIRY 50
101A
6-12
CHARLOTTE IHME

I AIN'T SCARED OF NO PROOFS 51
104A
GEORGE E. SCHNIBBEN 9-College

CREATING INSTRUCTIONAL VIDEOS 52
102C
DEBBIE C. JARRETT General

Session 2:00 – 3:00

TURNING RELEVANT INTO RIGOR: HIGHLIGHTING THE PROCESS STANDARDS 53
101B
6-12
JENNIFER SANDERS

Workshop 2:00 – 3:30

THE POWER OF STUDENT WORK 54
100B
STEPHANIE BURDETTE, AUSTIN GREENE 3-5

Session 2:45 – 3:45

EMPOWERING STUDENT SELECTION OF IPAD MATH APPS THAT MEET THE NEW SC TEACHING STANDARDS 4.0 55
102C
PK-5
GARY BRADLEY, STACY BURR

LOOKING BEYOND THE ANSWER TO WHAT STUDENTS REALLY KNOW 56
104B
9-12
SHARON K. O'KELLEY

IT'S CONTAGIOUS: USING FALS IN THE HS CLASSROOM 57
201
MELISSA JACKSON, AUDRIKA GADSON 9-12

USING INSTRUCTIONAL STRATEGIES TO TEACH ALGEBRA I 58
101A
TARA F. KING 9-12

RAISING OUR LOW INTERNATIONAL RANKINGS IN MATH 59
104A
CHARLES W. HATCH General

Workshop 3:00 – 4:30

USING ENGINEERING DESIGN TO PROMOTE MATHEMATICAL THINKING 60
202A
Sponsored by S²TEM Centers K-2
DOROTHY EARLE, RHETT NETTLES

INTEGRATION OF MATH AND SCIENCE THROUGH THE USE OF THE LEARNING CYCLE 61
102A
6-8
BRENDA HAWKS, MARY MASSEY

FROM FRACTIONS AND CUISENAIRE RODS TO BAR MODELS AND EQUATIONS 62
Atrium Alcove
6-8
COURTNEY LEWIS

MATHEMATICAL MODELING AND DATA ANALYSIS OF RELEVANT ACTUAL REAL-WORLD DATA GRADES 8-12 63
203
8-12
TOM REARDON

FRACTION REVIEW GAMES 64
102B
3-8
GINA DUNN

Workshop 3:15 – 4:45

BUILDING A GINGERBREAD VILLAGE IN MATH CLASS 65
101B
3-8
TONYA MCCULLOUGH

Session 4:00 – 5:00

ADDRESSING NUMBER SENSE THROUGH STUDENT-LEAD NUMBER TALKS 66
201
3-5
PATRICIA SMITH

A SLICE OF HEAVEN PIZZERIA; BUSINESS PLAN PROBLEM BASED ON LEARNING 67
101A
6-8
JILL WINLAND

GEOMETRY IN MOTION: KINESTHETIC ACTIVITIES FOR HIGH SCHOOLERS 68
104A
6-12
JILL WOODRUFF

MATH? WHEN AM I EVER GOING TO USE THAT? 69
102C
6-12
CURT WITTHOFF

THE 2017 A.P. CALCULUS EXAM 70
100B
9-12
KEN COLLINS

DOES YOUR HEIGHT DETERMINE HOW HIGH YOU CAN JUMP? 71
104B
9-12
CALEB RUNION

SUPPORT FOR FUTURE TEACHERS 72
Atrium College
BRIDGET COLEMAN, LEIGH MARTIN

**The 41st Annual
SCCTM Business Meeting
and Awards Ceremony**

Thursday, November 16 5:15 pm in Room 202C

At the end of the meeting, drawings will be held for
FABULOUS door prizes!
You must be present to win.

Enjoy Hors d'oeuvres, Meet your Fellow Educators

Pick up your refreshments in the 2nd Floor Pre-Function Area. Bring your plate with you to the meeting.
Join your peers at the banquet tables.

Session 8:00 – 9:00

TBA 73
104B

TBA

INVESTIGATING THE BIG IDEAS FOR NUMBER AND OPERATIONS IN THE ELEMENTARY GRADES 74
104A
3-5
DAWN BRYANT

WATER AWARENESS AS A CONTEXT FOR LEARNING MATHEMATICS 75
201
3-12
KELLY M. COSTNER, WU PRE-SERVICE TEACHERS

STRATEGIES FOR PROMOTING DISCOURSE 76
202C
6-8
SANDY BARTLE FINOCCHI



RETHINKING HOMEWORK: USING TECHNOLOGY FOR DAILY ASSESSMENT 77
100B
6-12
Sponsored by TI
KATHLEEN TRAYLOR

ENGAGING MATH LEARNERS THROUGH INTERACTIVE NOTEBOOKS 78
103
9-12
ALISA HOBGOOD

INTRODUCING ALGEBRA NATION: A FREE ONLINE RESOURCE FOR ALGEBRA I STUDENTS AND TEACHERS 79
102C
9-12
JOY SCHACKOW, AMY ADAMS

SCAMTE - SC ASSOCIATION OF MATH TEACHER EDUCATORS ANNUAL MEETING 80
Atrium Alcove
College
GINA DUNN

Gallery 8:00 – 9:00

BEYOND THE LESSON: MATH CENTERS FOR STUDENT ACHIEVEMENT ACROSS DISCIPLINES 81
Atrium
3-6
USCA PRE-SERVICE TEACHERS

Workshop 8:00 – 9:30

CHOPPED MATH KITCHEN: TEACHERS AS MASTER CHEFS 82
Repeated as 104
102B
PK-2
CINDY WASHINGTON

DEVELOPING MATHEMATICAL MINDSETS 83
Sponsored by S²TEM Centers
202A
K-2
DOROTHY EARLE, MARGARET LORIMER

EXPERIENTIAL PLAY: EXPERIENCE MATH'S RELEVANCE 84
Sponsored by EdVenture
202B
K-8
MATT WICKER

USING MATH WORKSHOP TO CONNECT THE BIG IDEAS OF MATHEMATICS 85
102A
3-5
KIM CALEY

BUILDING CONCEPTS USING GEOGEBRA 86
101B
6-12
STEPHEN BISMARCK

BIG IDEA: CREATING LEARNING EXPERIENCES THAT PROMOTE PRODUCTIVE STRUGGLES FOR STUDENTS 87
101A
9-12
MACHELL F. SPRAUVE

Mini-Course 8:00 – 11:00

MY FAVORITE ALL-TIME PROBLEMS-ACTIVITIES-GIFTS DEVELOPED OVER 35 YEARS - WITH TECHNOLOGY 88
203
9-College
TOM REARDON

Session 9:15 – 10:15

BECOME A GUIDED MATH GURU 89
201
3-5
KERRY MURPHY, EMILY SHORTRIDGE

FRACTIONS FUN AGAIN FOR UPPER ELEMENTARY 90
Sponsored by CASIO
Atrium Alcove
JENNIFER E. WILSON 3-6

STOP! DON'T BE A TALKING HEAD! 91
104A
6-8
DAVINA COLEMAN

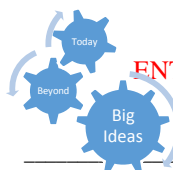
WHO KNEW A TEMPERATURE PROBE COULD BE SO USEFUL IN MATH! 92
100B
9-12
Sponsored by TI
DANIEL WILKIE

TRIPPY TRIANGLES 93
201
9-12
IZZIE ARIAS

HISTORICAL MODELS OF MATHEMATICAL PERSEVERANCE 94
104B
9-College
PAUL SHOTSBERGER

PREPARING STUDENTS TO EXCEL ON STANDARDIZED TESTS 95
102C
General
CHARLES W. HATCH

KEYNOTE ADDRESS



Sponsored by Glenna Tabor Resources, LLC

THE BIGGEST IDEA OF ALL: AN ENTHUSIASTIC, EFFECTIVE TEACHER!

GLENNA TABOR

202C Session 96 General

Gallery 9:15 – 10:15

GET UP & DO MATH! 97
Atrium
9-12
SAMANTHA COLMAN, CHARLOTTE IHME

Math Trail 9:15 – 12:15

BUILT TO SCALE - WALK SOUTH CAROLINA IN A MORNING 98
Repeat of 16
Meet in Exhibit Hall
LEE H. GOSNELL 3-8

Workshop 9:45 – 11:15

ROLLING INTO FACT FLUENCY - PRIMARY MATH GAMES FOR TEACHING THE OPERATIONS 99
102A
K-2
STEPHANIE BAINBRIDGE

TEACH STUDENTS HOW TO THINK WITH MULTIPLICATION AND DIVISION 100
101A
3-5
ROB NICKERSON

MATH WORKSHOP: IT'S NOT JUST FOR LOWER GRADES 101
101B
3-8
TONYA MCCULLOUGH

Workshop 9:45 – 11:15 (continued)

MATH IN SPACE: RATIOS AND PROPORTIONS 102
Sponsored by S²TEM Centers 202A
 RHETT NETTLES 6-8

THE MENGER SPONGE 103
Sponsored by EdVenture 202B
 FRANCISCO SILVA-BLANCO, DOUG MEADE General

CHOPPED MATH KITCHEN: TEACHERS AS MASTER CHEFS 104
Repeat of 104 102B
 CINDY WASHINGTON PK-2

Session 10:30 – 11:30

BRIDGE BETWEEN NEW EARLY LEARNING STANDARDS 105
MATH DOMAIN AND CURRENT KINDERGARTEN STANDARDS 201
Repeat of 33 PK-K
 MARY L. RUZGA

WHY DO I HAVE TO LEARN THIS? LET'S GET REAL! 106
Sponsored by CASIO Atrium Alcove
 JENNIFER E. WILSON 3-5

FRACTIONS - DON'T JUST BE "VULGAR" 107
 104A
 THOM O'BRIEN 3-5

TBA 108
 103

TBA

FLIPPED CLASSROOM 101 109
 104B
 KELSEY FIELD, STEPHEN BISMARCK 6-12

10 MINUTES OF CODE WITH THE TI-HANDHELD CALCULATORS 110
Sponsored by TI 100B
 DANIEL WILKIE 9-12

ETV DOES THAT? 111
 102C
 DEBBIE C. JARRETT General

Workshop 10:30 – 11:45

MAKING THE MOST OF MATH STATIONS 112
Sponsored by Glenna Tabor Resources, LLC 202C
 GLENNA TABOR K-5

Math Trail 10:30 – 12:30

PARIS MOUNTAIN MATH TRAIL 113
Repeat of 23 Meet in Exhibit Hall
 CINDY PARKER General

Workshop 11:15 – 12:45

USING ALGEBRA TILES FROM POLYNOMIALS TO COMPLETING THE SQUARE 114
 203
 6-12
 TIM SCRIPKO

Session 11:30 – 12:30

TEACHING THE BIG IDEAS THROUGH GLOBAL COLLABORATION 115
 101B
 RUTH HOWELL PK-5

CULTURALLY RESPONSIVE TEACHING IN AN ALGEBRA I CLASS FOR REPEATING 9TH GRADERS 116
 101A
 9-12
 JENNY VANBUREN

Workshop 11:30 – 1:00

OMG! MATH! 117
 102A
 RHONDA K. DAVIS 2-10

Workshop 11:30 – 1:00 (continued)

USING TECHNOLOGY TO PROMOTE MATHEMATICAL THINKING 118
Sponsored by S²TEM Centers 202A
 DEDEE QUINN, MARGARET LORIMER 6-8

FLIPPING IT WITH NUMBERS AND OPERATIONS 119
 102B
 LAQUANTIS CHEVIS 6-8

ENCOURAGING WONDER WITH FLIGHT 120
Sponsored by EdVenture 202B
 MARC DREWS General

Session 11:45 – 12:45

PAEMST: WHAT IS IT? WHAT DOES IT TAKE TO BE AN AWARDEE? 121
Sponsored by SCDE 104B
 SANDRA AMMONS General

TBA 201
 3-12

TBA

MATHCOUNTS - LOVE MATH/FEAR MATH - MORE THAN COMPETITION 123
 104A
 5-8
 MARGUERITE MCCLAM

PLAY-DOH FOR ALL AGES 124
 103
 9-12
 GINA DUNN, CHRISTIE MCCLURE, NICHOLAS MANN

MY CLASS IS 1:1. NOW WHAT??? 125
 102C
 BROOK WIANT General

Session 12:00 – 1:00

HOW DO YOU ENGAGE YOUR RELUCTANT LEARNERS? (MATHEMATICAL MODELING) 126
 202C
 K-12

KEN ORGAIN

Workshop 11:45 – 1:15

GETTING STARTED WITH TI-NSPIRE AND TI-NAVIGATOR: IT'S SO MUCH MORE THAN A CALCULATOR! 127
 100B
Sponsored by TI 6-12
 KATHLEEN TRAYLOR

LEARNING PROBABILITY THROUGH GAMES 128
 Atrium Alcove
 RYANN BYRD General

Session 12:45 – 1:45

TOOLS FOR ADDITION AND SUBTRACTION 129
Repeat of 7 101A
 ROB NICKERSON PK-2

A PIZZA CAKE: MAKING LEARNING RELEVANT THROUGH PROJECT-BASED LEARNING 130
 101B
 8-9
 JOANNA MYLES

Session 1:00 – 2:00

CLASSROOM MISBEHAVIOR - WHAT PREVENTS US FROM SEEING BEYOND 131
 201
 K-12
 PETER VAJDA

CONCEPT DEVELOPMENT LESSONS 132
 104A
 STEPHEN BISMARCK, USC UPSTATE PRE-SERVICE TEACHERS 6-12

Session 1:00 – 2:00 (continued)

READING AND WRITING MATHEMATICS WITH PURPOSE – 133
SENSE-MAKING IN THE MATH CLASSROOM 104B
8-College

RICHARD ROBINSON

BUILDING A HOUSE OF CARDS 134
103
MARTHA HAYES, MEGAN KEE 9-12

REVISITING AN OLD FRIEND - THE SLIDERULE 135
102C
CHARLES W. HATCH General

TBA 136
203
TBA

Session 1:15 – 2:15

USING DESMOS TO ANIMATE, ACTIVATE, AND 137
STRATEGIZE AT THE ADVANCED SECONDARY LEVEL 102B
9-12

DAVE CESA, JEFF KNULL

UNDERSTANDING COMPUTATIONAL LITERACY 138
Sponsored by S²TEM Centers 202A
RHETT NETTLES, PAMELA BRICE General

DEVELOPING READING AND VOCABULARY IN A 139
MATH CLASSROOM 102A
6-8

GABRIELA S. PROSSER

Workshop 1:15 – 2:25

RESEARCH BRIEF: EARLY LEARNING AND MATHEMATICS 140
Sponsored by EdVenture 202B
KELLAR ANNE RUBLE General

Closing Session 2:30 – 3:30

CLOSING SESSION

Sponsored by Big Ideas Learning, LLC

CONNECTING BIG IDEAS FOR YOUNG
MATHEMATICIANS WHEN RIGOR AND RELEVANCE
MEET COLLABORATION

LAUREN STOTT

202C Session 141 General

Watch for emails and updated Conference information from now until the conference on our website www.scctm.org and Facebook.

Watch for Pre-Conference Newsletters.

For further info about areas, contact:

Membership and Registration
scctm.reg@gmail.com

Exhibits
scctm.exhibits@gmail.com

Conference Program
scctmprogram@aol.com

Exhibitors

Algebra Nation
Big Ideas Learning, LLC
Box Cars and One-Eyed Jacks
Carnegie Learning
Casio America, Inc.
Copia Interactive LLC
CPM Educational Program
Curriculum Associates, LLC
EdVenture Children's Museum
ETA hand2mind
ExploreLearning
Hart, Incorporated
Houghton Mifflin Harcourt
Kaplan Early Learning Company
Matific
McGraw-Hill Education
National Geographic Learning/Cengage Learning
NCTM
ORIGO Education
Palmetto State Teachers Assoc.
Pearson Education
S2TEM Centers SC
SCCTM
SC ETV
School District of Pickens County
Teacher Created Materials
Texas Instruments, Inc.
The Outstanding Guides
The South Carolina Education Association
TKO – Turn Kids On
University of South Carolina