Florida Council of Teachers of Mathematics

60TH ANNUAL CONFERENCE

OCTOBER 18 – 20, 2012

ORLANDO, FLORIDA

Diamond Jubilee

Celebrating the Journey to Common Core

DoubleTree by Hilton Orlando at SeaWorld

Conference Agenda
60th FCTM Annual State Conference
October 18 – October 20, 2012
FCTM 2012 Conference
DoubleTree by Hilton at SeaWorld
Orlando, Florida

Wednesday, October 17, 2012

Pipe and Drape – Oceans Ballroom	12:00 PM – 4:00 PM
Vendor Check In – Oceans Ballroom	4:00 PM – 8:00 PM
Vendor Set-Up – Oceans Ballroom	4:00 PM – 8:00 PM
Registration – Oceans Ballroom Foyer	4:00 PM – 10:00 PM
Hospitality – Oceans Ballroom Foyer	4:00 PM – 10:00 PM

Thursday, October 18, 2012

Registration – Oceans Ballroom Foyer	7:00 AM – 5:00 PM
Hospitality – Oceans Ballroom Foyer	7:00 AM – 5:00 PM
Opening Event – Great Lakes Ballroom	8:00 AM – 9:45 AM
Featuring Guest Speaker: Dr. Robert Marzano	
Sessions	10:15 AM – 5:30 PM
Vendors/Exhibits – Oceans Ballroom	12:00 PM – 5:30 PM
Vendors' Special Event for Elementary	3:00 PM – 4:00 PM
Presidents VIP Reception – Florida Bay	6:00 PM – 7:30 PM

*Everyone is invited to the reception.

Friday, October 19, 2012

Registration – Oceans Ballroom Foyer	7:00 AM – 4:00 PM
Hospitality – Oceans Ballroom Foyer	7:00 AM – 4:00 PM
Sessions	8:00 AM – 4:30 PM
Vendors/Exhibitors – Oceans Ballroom	8:00 AM – 4:30 PM
Elections – Oceans Ballroom Foyer	10:00 AM – 2:00 PM
Vendors' Special Event for Secondary	10:30 AM – 11:30 AM
Party – Flashback Fun!	5:30 PM – 10:00 PM
Karaoke, Food and Beverages	**Okeechobee Patio**

*Everyone is invited.

Saturday, October 20, 2012

Sessions	8:00 AM – 10:15 AM
Featuring Guest Speaker: Dr. Juli Dixon	
Registration – Oceans Ballroom Foyer	7:00 AM – 9:00 AM
Hospitality – Oceans Ballroom Foyer	7:00 AM – 9:00 AM
Closing Event – Ontario Room	10:30 AM – 12:15 PM
Featuring Guest Speaker: Dr. Francis "Skip" Fennell	
(No ticket required)	

Complimentary Shuttle to Sea World (optional) After closing session

"Celebrating the Journey to Common Core
FCTM'S Diamond Jubilee"

The Orange County Council of Teachers of Mathematics, Seminole County Council of Teachers of Mathematics, and Osceola Science and Math Organization to Support and Inspire Students are proud and delighted to be your hosts for this year's Florida Council of Teachers of Mathematics conference.

Through the years, the Florida Council of Teachers of Mathematics Annual Conference has grown in numbers and quality. The 2012 Conference Committee has worked long and hard this past year to bring you another outstanding conference. They have planned over 225 exciting sessions for you to attend. You will find many interesting and worthwhile sessions available at all academic levels along with our featured speakers: Dr. Robert Marzano, Dr. Juli Dixon, and Dr. Skip Fennel.

In addition, it is our hope that you take advantage of the many special events planned during the conference:

- Opening Event featuring Dr. Robert Marzano from 8:00 – 9:45 AM
- Vendors' Special Event for Elementary on Thursday afternoon from 3:00 PM – 4:00 PM
- The Presidents VIP Reception on Thursday evening from 6:00 PM to 7:30 PM.
- Vendors' Special Event for Secondary on Friday morning from 10:30 – 11:30 AM
- A Party – Flashback Fun! will provide fun food and entertainment on Friday evening from 5:30 – 10:00 PM on the Okeechobee Patio
- And, of course, our Closing Event featuring Dr. Skip Fennel on Saturday at 10:30 AM on Saturday

We invite all participants to attend the FCTM Annual Business Meeting on Thursday afternoon at 2:00 PM in Okeechobee 1 and 2. Become involved in FCTM! You are encouraged to attend.

Please express your appreciation to the publishers and vendors. They help support our conference by exhibiting new, scientific research-based, cutting edge products for mathematics education.

In addition to attending the sessions, special events and visiting the exhibits, take the time to vote in the election. Voting will take place in the Oceans Ballroom Foyer on Friday from 10:00 AM to 2:00 PM. Your vote is important. Be sure to cast your ballot! Just a reminder: In order to vote, you must have been a member of FCTM on July 1, 2012.

Enjoy your conference! Take advantage of all the learning opportunities available! Have a great time! We hope you will leave Saturday afternoon with information, activities and ideas to use in your classroom and to share with your colleagues and school district this year!

Thank you for all you do for mathematics education in Florida! Have a wonderful conference!

Jill Nielsen

Jill Nielsen, President
Florida Council of Teachers of Mathematics

2012 Florida Finalists
Presidential Award for Excellence in Mathematics and Science Teaching
Congratulations!

Nancy Bourne	Beacon Cove Intermediate Jupiter, FL
Leslie Kraynick	Westside Elementary Palm Bay, FL
Richard Pinchot	Chets Creek Elementary Jacksonville, FL

One of these outstanding teachers will be selected as the state winner and will receive a citation signed by the President of the United States, a paid trip for two to Washington, D.C., to attend a series of recognition events and professional development opportunities, and a $10,000 award from the National Science Foundation.

The Presidential Awards for Excellence in Mathematics and Science Teaching are the Nation's highest honors for teachers of mathematics and science. The Awards recognize outstanding K-12 teachers for their contributions in the classroom and to their profession.

Since 1983, more than 4,000 teachers have been recognized for their contributions to mathematics and science education. If you know great teachers, nominate them to join this prestigious network of professionals.

Nominations for teachers of grades 7-12 will open in Fall 2012 and can be accessed at **http://www.paemst.org**

Congratulations to the 2012 Presidential Awardee

Kathleen Jones
Mathematics
Panama City Beach, FL

Florida Council of Teachers of Mathematics

AFFILIATED WITH NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

FCTM Past Presidents…60 years and counting

1948-1949	Ms. Mildred Mahood
1949-1950	Ms. Veda Attaway
1950-1951	Dr. F.W. Kohomoor
1951-1952	Mr. Luther J. Bowman
1952-1953	Mr. Howard Gallant
1953-1954	Mr. Wayland Phillips
1954-1955	Ms. Charlotte Canton Thoro
1955-1956	Ms. Myrtle Rehwinkle
1956-1957	Ms. Annie May Hendry
1957-1958	Mr. James Richard Sewell
1958-1959	Ms. JoAnne S. Taber
1959-1960	Ms. Stella Ruth Carter
1960-1961	Dr. Robert Kahn
1961-1962	Ms. Jessie A. Bailey
1962-1963	Ms. Agnes Y. Rickey
1963-1964	Ms. Ruth Reynolds
1965-1967	Dr. Daryle May
1967-1969	Ms. Lora Lewis
1969-1970	Mr. Louie Edwards
1970-1971	Dr. Tom Denmark
1971-1972	Ms. Mary Larkin
1972-1973	Ms. Mary Margaret Odom
1973-1974	Dr. Earnest Burgess
1974-1975	Dr. Donovan R. Lichtenberg
1975-1976	Mr. Lawrence Wantuck
1976-1977	Dr. Andrea Troutman
1977-1978	Mr. Stanley Lucas
1978-1979	Dr. Betty Lichtenberg
1979-1980	Dr. Richard deAguero
1980-1981	Ms. Barbara Nunn
1981-1982	Mr. Larry Insel
1982-1983	Dr. Don Bernard
1983-1984	Dr. Mike Hynes
1984-1985	Mr. Clem Boyer
1985-1986	Ms. Carolyn Hecker
1986-1987	Dr. Douglas Brumbaugh
1987-1988	Ms. Patsy Shearer
1988-1989	Ms. Simone Hebert
1989-1991	Dr. Piyush Agrawal
1991-1993	Mr. Roger O'Brien
1993-1995	Dr. Charlie Aplin
1995-1997	Mr. Nicky Walker
1997-1999	Ms. Gerry Greer
1999-2001	Dr. David Stout
2001-2003	Ms. Charlene Kincaid
2003-2005	Dr. Karol Yeatts
2005-2007	Ms. Nancy Kinard
2007-2009	Dr. Denisse Thompson
2009-2011	Ms. Janet Meinke
2012-2014	Ms. Jill Nielson

Florida Council of Teachers of Mathematics

AFFILIATED WITH NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

Kenneth P. Kidd Mathematics Educator of the Year Recipients

1976	Ms. Mary Nesbit (deceased)	Miami
1977	Ms. Ruth Bower (deceased)	West Palm Beach
1978	Mr. George Rule	Orlando
1979	Mr. Baker Holman	Pensacola
1980	Ms. Mary Elizabeth Sullivan (deceased)	Miami
1981	Dr. Ernest Burgess	Boca Raton
1982	Ms. JoAnne Taber (deceased)	Miami
1983	Dr. Arthur T. Minor	Palm Harbor
1984	Mr. Bill E. Jordan	Winter Park
1985	Mr. Richard deAguero	Miami
1986	Mr. Herbert Johnson	Clearwater
1987	Mr. Lawrence R. Wantuck	Hollywood
1988	Dr. Betty Lichtenberg (deceased)	Temple Terrace
1989	Dr. Elroy Bolduc	Gainesville
1990	Dr. Douglas Brumbaugh (deceased)	Chuluota
1991	Dr. Tom Denmark (deceased)	Tallahassee
1992	Dr. Donovan Lichtenberg (deceased)	Temple Terrace
1993	Dr. Charles Andy Reeves	St. Petersburg
1994	Ms. Renee Henry	Tallahassee
1995	Dr. Donald Bernard (deceased)	Gainesville
1996	Ms. Margaret Hackworth (deceased)	St. Petersburg
1997	Dr. Charles Aplin	Ft. Walton Beach
1998	Mr. Nickolas Walker	Milton
1999	Ms. Barbara Nunn	Ft. Lauderdale
2000	Ms. Suzie Davis	Largo
2001	Ms. Carol Newman	Ft. Lauderdale
2002	Mr. Roger O'Brien	Bartow
2003	Ms. Karen Swick	Lake Worth
2004	Dr. Denisse Thompson	Lutz
2005	Dr. Karol Yeatts	Winter Haven
2006	Mrs. Susan McNally	Fort Myers
2007	Mrs. Carol Martin	Lake City
2008	Mrs. Carol Halka	Pembroke Pines
2009	Mrs. Debbie Gillis	Okeechobee
2010	Mrs. Ann Marie Hubscher	Rockledge
2011	Mrs. Nancy Kinard	Palm Beach

The Mathematics Educator of the Year Kenneth P. Kidd Award was established in 1976 to recognize an individual's outstanding contributions to mathematics education. Mathematics educators are eligible for nomination if they meet the following criteria, as established by the FCTM Board of Directors:

1. The person shall have been actively involved in mathematics education in Florida for at least ten (10) years.
2. The person has been professionally active and has made a significant contribution at the local, state, and/or national level.

Nominations for next year's award are due by April 15, 2012.
For more information visit the FCTM website at www.fctm.net

2012 FCTM Board of Directors

FCTM Executive Board

President	Jill Nielson	New Port Richey
Past President	Janet Meinke	Marathon
Vice President – College	Rick Austin	Tampa
Vice President – High School	Diana Snider	Wellington
Vice President – Middle School	Pam Guyton	Orlando
Vice President – Elementary	Zak Champagne	Jacksonville
Secretary	Cherie Matheson	Niceville
Treasurer	Vicki Goggans	Okeechobee

FCTM Region Directors

Region I	Amelia McCurdy	Pace
Region II	Paige Allison	Gainesville
Region III	Rob Schoen	Tallahassee
Region IV	Claire Riddell	Jacksonville
Region V	Mary Lou Beasley	Largo
Region VI	Margaret Bambrick	Deland
Region VII	Joseph Ratasky	
Region VIII	Ricardo Bellon	Sarasota
Region IX	Rebecca Jones	Orlando
Region X	Steve Selby	Greenacres
Region XI	Chris Ruda	Miami
Region XII	Tanya Hutkowski	Plantation
Region XIII	Leslie Kraynik	Brevard
Region XIV	James Propert	Lee

FCTM Standing Committee Chairs

Certification	Sharon Shrader	Debary
Chaplain	Karol Yeatts	Winter Haven
Competitions	Carole Halka	Pembroke Pines
Conference Assistance	Nancy Kinard	Tequesta
Conference 2012 General Chair	Margaret Walker	Orlando
Conference 2012 Program Co-Chairs	Lisa Greco/Carol Wienrich	Kissimmee
Curriculum/Best Practices	Joe McNaughton	Palmetto
DOE K-12 Mathematics	Teresa Sweet	Tallahassee
Elections/Competitions	Joyce Hawkins	Hallandale Bch
FAMS Representative	Lia Crawford	Tampa
FAMTE Representative	Cassandra Etgeton	LaBelle
FMPA^2 Representative	Barbara Knox	Dover
Fundraising	Rebecca Jones	Orlando
Government Relations	Bob Bedford	Tallahassee
Grants and Awards	Renee Henry/Linda Walker	Tallahassee
Historian	Paige Allison	Gainesville
Leadership Conference	Zak Champagne/Tim Kenney	Jacksonville
Meetings and Events	Charlene Kincaid	Milton
Membership	Diane Gard	Melbourne
Nominations	Janet Meinke	Marathon
Parliamentarian	Margaret Walker	Orlando
Publications: *Additional Dimensions*	Lisa Shin	Lake Placid
Publications: *Dimensions*	Rick Austin	Tampa
Sponsorship	Carol Newman	Plantation
Student Assessment	Terri Sebring	Tallahassee
Technology	Cindie Donahue	Wesley Chapel
Webmaster	Barbara Cavanah	Marathon

2012 FCTM Award Recipients

Congratulations to the following recipients of Grants and Awards!

Kenneth P. Kidd Grant Recipients

Bridget Braun	Brevard County
Linda Blake	Pasco County
Maria Clifford	Brevard County
Venus McGhee	Pinellas County

Tom Denmark Grant Recipient

Jeffery Baugus	Santa Rosa County
Mary Flynn	Broward County
Theresa Watts	Brevard County
Mikki Corriveau	Brevard County

Don Bernard Enhancement Grant

Elise Gordon	Palm Beach County
Venus McGhee	Pinellas County

For 2013 Grant applications visit www.fctm.net

Florida Council of Teachers of Mathematics
60TH ANNUAL CONFERENCE
OCTOBER 18 – 20, 2012
ORLANDO, FLORIDA
Diamond Jubilee
Celebrating the Journey to Common Core

My Conference Schedule

Thursday, October 18, 2012

Time	Session #	Title of Presentation	Location
8:00-9:45		Opening Session – Dr. Robert Marzano	Great Lakes Ballroom
3:00-4:00		Vendors' Open House - Elementary	Oceans Ballroom
6:00 – 7:30		Presidents VIP Reception (everyone is welcome)	Florida Bay

Friday, October 19, 2012

Time	Session #	Title of Presentation	Location
10:30 – 11:30		Vendors' Open House - Secondary	Oceans Ballroom
10:00-2:00		Elections – VOTE	Oceans Ballroom Foyer
4:30 – 6:00		Flashback Fun (everyone is welcome)	Okeechobee Patio

Saturday, October 20, 2012

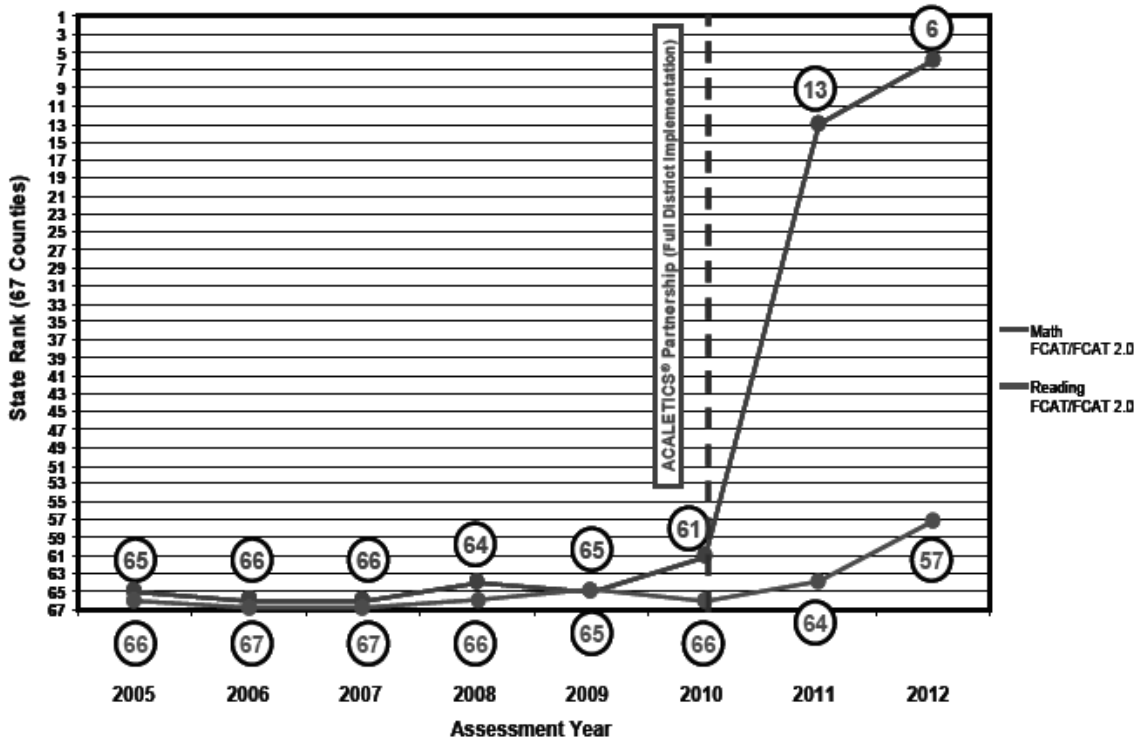
Time	Session #	Title of Presentation	Location
8:00-9:00	207	Dr. Juli Dixon (Grades K-5)	Superior & Michigan
9:15-10:15	217	Dr. Juli Dixon (Grades 6-12)	Superior & Michigan
10:30 – 12:15		Closing Session – Dr. Skip Fennel	Ontario
12:45		Sea World (optional)	

AMAZING RESULTS!

Breakthrough: Gadsden Conquers FCAT 2.0 Math Despite Reading

Despite more **rigorous** Math standards, changes in cut scores **and** challenges in Reading (ranked 4th lowest in the state for 2011), through its partnership with ACALETICS®, Gadsden County **third-graders** – for the second year in a row - achieved **breakthrough** results on the 2012 **FCAT 2.0 Math**. Prior to 2011, Gadsden has historically performed among the lowest 7 counties in Florida in Math; however, on the **2012 FCAT 2.0 Math**, Gadsden County ranked **#6** in the state with **70%** of its third-graders performing at or above proficiency compared to the State average of 58%.

Gadsden County – Math vs. Reading FCAT/FCAT 2.0
Grade 3 State Ranking Trend



Data Source: Florida Department of Education

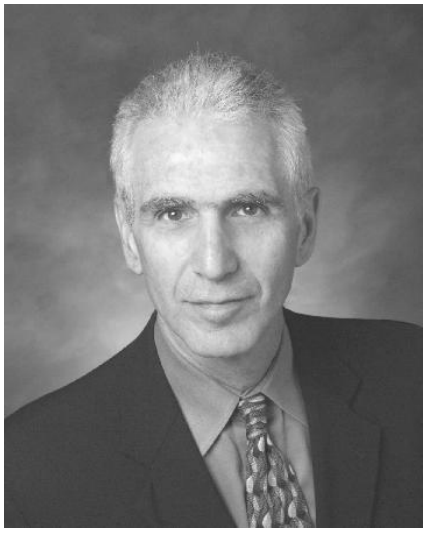
About ACALETICS®

ACALETICS® provides high-quality educational products, data-driven consultation, professional development, supplemental instructional services for schools, principals, teachers, students and parents. In 2011, two ACALETICS® elementary schools in Gadsden County were among the Top 25 schools in the state according to the Florida Department of Education School Rankings, with one earning the highest Math Performance Composite in the state.

For more information about ACALETICS®, please visit www.acaletics.com or contact EDA at (866)877-1222.

2012 Opening Session Time: 8:00 am–9:45 am

Dr. Robert Marzano – Keynote Speaker



Session Location: Grande Lakes Ballroom: Superior, Michigan and Ontario

Robert Marzano is co-founder and CEO of Marzano Research Laboratory in Englewood, Colorado. A leading researcher in education, Dr. Marzano is a speaker, trainer, and author of more than 30 books and 150 articles on topics such as instruction, assessment, writing and implementing standards, cognition, effective leadership, and school intervention. His practical translations of the most current research and theory into classroom strategies are internationally known and widely practiced by both teachers and administrators.

Dr. Marzano is co-author of ***Holt McDougal Literature,*** **Rigby** ***Literacy by Design,*** and **Rigby** ***On Our Way to English***.

Dr. Marzano received a Bachelor's degree from Iona College in New York, a Master's degree from Seattle University, and a Doctorate from the University of Washington.

Dr. Robert Marzano's presentation is graciously sponsored by Houghton Mifflin Harcourt

HOUGHTON MIFFLIN HARCOURT
School Publishers

#1 What does it mean to be an Effective Educator (General Interest)
Robert Marzano –Marzano Research Laboratory, Co-founder and CEO,
Time: Thursday 10:15 - 11:45
Location: Superior and Michigan

Dr. Marzano will share strategies that explains and facilitates specific actions and steps that administrators and teachers can take that will impact student achievement. This is a session for both administrators and teacher leaders

#2 Mathematical Practices: A Must in Your Classroom (Middle Grades)
Nancy Thiele - Big Ideas Learning, LLC, Director of Curriculum & Instruction,
nthiele@larsontexts.com
Time: Thursday 10:15 - 11:15
Location: Okeechobee 1

Memorizing is out…understanding is in. The Standards for Mathematical Practice and Common Core State Standards indicate that students need to be able to "make sense" of mathematics. This engaging, hands-on workshop shows teachers how they can incorporate the Mathematical Practices in their classroom. Discovery activities and games help hold students' interest and deepen their understanding of the concepts.

#3 Getting Kids to Think - The Development of an Interdisciplinary Middle Grades STEM Academy (Middle Grades)
John Omundsen - Oasis Middle School, STEM Program Department Head,
john.omundsen@capecharterschools.org
Chris Fennell, Oasis Middle School
Time: Thursday 10:15 - 11:15
Location: Okeechobee 2

The 21st century is presenting unique challenges to students. Problem solving, critical thinking and collaboration are going to be key to students' future success in the workforce. This presentation will showcase the development of an interdisciplinary STEM (science, technology, engineering, mathematics) program in a middle school to meet these unique needs. Samples of activities from various disciplines will be presented, including population growth in reading, analyzing the election in social studies and the development of a 'Greek Day'.

#4 Hands on Materials and Strategies for Meeting the Common Core Standards (Grades K – 2)
Ron Mohl - Lakeshore Learning Materials, Regional Manager and Lead Presentation Specialist, Rmohl@LakeshoreLearning.com
Time: Thursday 10:15 - 11:15
Location: Coral

Common Core strategies come to life with hands on materials and strategies that help engage and complement the clasroom. We will use math centers within this session to use leveled activities that are specificly aligned to the new standards. Participants will have ideas they can use right away to include in their lesson plans.

#5 Discreet Mathematics: Definitions and Explorations - Elementary through High School (General Interest)

Paige Allison - UF College of Education- PK Yonge DRS, faculty, pallison@pky.ufl.edu
George Pringle, UF College of Education- PK Yonge DRS, faculty
Time: Thursday 10:15 - 11:15
Location: Mediterranean A

Definitions and working examples of discreet mathematics will be discussed along with examples of grade level appropriate instruction for elementary, middle, and high school.

#6 Build it, Draw It, Write it, Talk it…then Own It!! Lessons to address the CCSS and RTI (Grades 3 - 5)

Rudy Neufeld- Neufeld Learning Systems Inc, Senior Author, rneufeld@neufeldmath.com
Time: Thursday 10:15 - 11:15
Location: Mediterranean B

We will demonstrate methods to "hook" students to deeper conceptual understanding by modeling specific lessons involving paper, manipulatives and computer. Participants will receive 3 part lessons to address CCSS as well as RTI and access to software. The lessons will be adapted to a wide variety of learning environments. Lessons include:
1. Developing an understanding of fractions and specifically equivalent fractions.
2. Distinguish between area and linear measure.
3. Analyze patterns and relationships

#7 10 Days to Multiplication Mastery (Grades 3 - 5)

Rich Stuart - Learning Wrap-ups, Inc., Vice President, rich@learningwrapups.com
Time: Thursday 10:15 - 11:15
Location: Caribbean A

Teach your students their Times Tables in 10 Days utilizing Commutative Properties and self-correcting practice tools.

#8 We Found the Cure for the Common Core! (Grades 3 – 5)

Julie Teague - Learning Wheels, Inc., Co-Owner, Writer, Presenter,
julie.teague@learningwheels.com
Time: Thursday 10:15 - 11:15
Location: Caribbean B

If looking at a new set of standards has you feeling overwhelmed, this session will ease your mind! We've written a prescription for the common core standards that includes games and activities for every area of 3rd-5th grade math. This hands-on, interactive session will share a few of these ideas to ensure that your students love math and you have the necessary instructional materials in place. This won't be a tough pill to swallow! Our cure is a guaranteed success!

#9 Using Literature and Writing in Math Class (Grades K - 2)
Lori Price - St. Johns County Schools, Teacher, pricel2@stjohns.k12.fl.us
Time: Thursday 10:15 - 11:15
Location: Caribbean C

Participants in this hands on workshop will engage in activities that use Children's Literature as a backdrop for teaching math concepts through problem solving. Using math journals with students as a tool for leading them to a deeper understanding of math will also be discussed. Participants will leave with activities that can be used in the classroom.

#10 It's All Fun and Games! (Grades K – 5)
Debbie Perry - Poinciana STEM Elementary School, K-5 Math Resource Teacher, debbie.perry@palmbeachschools.org
Elise Gordon, Lantana Elementary School
Time: Thursday 10:15 - 11:15
Location: Florida Bay 1

Are you looking for exciting ways to teach number sense? Whether you are using NGSSS or CCSS, you will be able to implement these activities into your lessons immediately! Participants will play five games geared toward primary mathematics and then enjoy playing the intermediate counterpart. Everyone will walk out the door with gameboards and directions!

#11 Math Works: Games, Puzzles and Diversions to Embellish the Common Core Standards (Grades 3 – 5)
John Hinton - Math Matters, Consultant, mathgames@mathmattersinc.com
Time: Thursday 10:15 - 11:15
Location: Florida Bay 2

Turn on your students to mathematics by using stimulating games to develop reasoning, and number relationships. Teachers in this hands-on interactive workshop will learn games and puzzles they can use immediately in their classrooms to build algebraic reasoning, inductive thought and basic number sense.

#12 Teaching Algebraic Concepts to Young Students (Grades 3 – 5)
Ellen Montney - Borenson And Associates, Inc., Instructor, info@borenson.com
Time: Thursday 10:15 - 11:15
Location: Florida Bay 3

The CCSSM require students as early as the third and fourth grades to represent word problems by an equation using the letter to represent an unknown. How is it possible for young students to succeed in a task that is difficult even for 9th graders? We will show how Hands-On Equations enables the student to transform the word problem into a concrete equation, and then transform that equation into a word problem using a letter to stand for the unknown.

#13 Discovering Slope Through Inquiry (Secondary 6 - 12)
Annamarie Greller – Osceola County, Instructor and Math Coach, grellera@osceola.k12.fl.us
Time: Thursday 10:15 - 11:15
Location: Biscayne Bay

Students will make predictions, complete trials, and write their own rules of slope before ever being told what y = mx + b means. Using TI- 84 calculators, they will discover slope and slope intercept form equation through inquiry. When students make discoveries, they own their ideas. When they discover slope, they understand it and know if forever.

#14 Looking Within: Using Lesson Study to Improve Classroom Instruction (Grades K - 5)
Suzanne Sutton- FAU Lab School, 5th Grade teacher, csutton5@fau.edu
Chrisencia Barzey, Christine McCaul, Agnes Nemeth-FAU Lab School
Time: Thursday 10:15 - 11:15
Location: Tampa Bay 1

A group of second through tenth grade teachers will share their journey to investigate their own teaching practices through lesson study. We will present the steps taken to research, write, and teach a fourth grade math lesson. More importantly, we will share what we have learned about ourselves, about each other, and about our students.

#15 Math Moves Me - Let's Get Ready to NUMBERS – PK-2 (Grades Pre-K - 2)
Debby Mitchell - GeoMotion Group, Sales Representative, events@geomotiongroup.com
Time: Thursday 10:15 - 11:15
Location: Tampa Bay 2

The Math Moves Me workshop is a Movement Based Academic (MBA) activity based workshop that includes music & movement to reinforce basic fluency in math. The presentation will cover movement based activities and music as a classroom tool to enhance learning that teachers can use math concepts, highlighted with music and movement to generate measurable outcomes.

#16 Gendered Math (General Interest)
Madeline Kovarik – Retired, hypertech@cfl.rr.com
Time: Thursday 10:15 - 11:15
Location: Tampa Bay 3

Come be actively involved in learning about differences in male and female brains and how these differences influence mathematics instruction and communication.

Thursday 10:15 – 11:15

#17 Transitioning to the Common Core with Lesson Study Toolkits (Grades K - 2)

Maureen Oberlin- Learning Systems Institute, Florida State University, MFAS-CCSS Project Director
moberlin@lsi.fsu.edu
Michael Anderson, Learning Systems Institute, FSU

Time: Thursday 10:15 - 11:15
Location: Pensacola Bay

Lesson study is a collaborative, self-directed form of professional development. Working with teachers, we created 18 freely available, interactive, on-line lesson study toolkits aligned to the Common Core standards (kindergarten – grade three). We will introduce you to lesson study as we take you through its stages using one of our toolkits that features first grade standards in the Measurement and Data domain.

Vendors' Special Event for Elementary!!

Time:
3:00 – 4:00 pm

Location:
Oceans Ballroom

#18 FCTM Board Meeting (FCTM Board Members)
Time: Thursday 11:30 – 2:00
Location: Okeechobee 1 and 2

#19 Using Technology in a Middle School Classroom (Middle Grades)
Melissa Henderson- West Shore Jr/Sr High School, Teacher,
henderson.melissa@brevardschools.org
Jill Whitacre-West Shore Jr/Sr High School
Time: Thursday 11:30 - 12:30
Location: Coral

Want to get your students excited about math? We feel technology is a key way to do this. We use "clickers", Airliners, and the internet to motivate our students.

#20 Getting Dramatic Improvement in Math Growth From Struggling Students (Secondary 6 - 12)
Kristine Marsh - Destination Knowledge, President, kmarsh@destknow.com
Time: Thursday 11:30 - 12:30
Location: Mediterranean A

Please join us to learn about how Ascend Math will catapult your students into high achievers! This web-based solution will automatically assess and place students into his or her individualized learning path and automatically assign lessons needed. The content includes Guided Notes to accompany video instruction, simulations & explorations, practice problems, solution videos, chapter reviews followed by post-tests to ensure mastery before moving on. Come hear how Braden River and Nolan Middle School achieved great gains using the Ascend Math Solution! Door prize: Kindle Fire!

#21 Go Deep To Address the Common Core…3 Part Lessons in Algebraic Thinking (Middle Grades)
Rudy Neufeld- Neufeld Learning Systems Inc., Senior Author, rneufeld@neufeldmath.com
Time: Thursday 11:30 - 12:30
Location: Mediterranean B

This session will share lessons that students have difficulty in understanding and teachers have difficulty in teaching. Participants will receive software and 3 part lessons to "get started", "work on it", "reflect and connect". Participants are welcome to bring laptops to the session to follow the lessons online. Specifically, lessons include:
1. Rate
2. Linear systems
3. Pythagorean Theorem
4. Use Functions to Model Relationships

#22 10 Days to Multiplication Mastery (Grades 3 - 5)

Rich Stuart - Learning Wrap-ups, Inc., Vice President, rich@learningwrapups.com

Time: Thursday 11:30 - 12:30
Location: Caribbean A

Teach your students their Times Tables in 10 Days utilizing Commutative Properties and self-correcting practice tools.

#23 We Found the Cure for the Common Core! (Grades 3 – 5)

Julie Teague - Learning Wheels, Inc., Co-Owner, Writer, Presenter,
julie.teague@learningwheels.com

Time: Thursday 11:30 - 12:30
Location: Caribbean B

If looking at a new set of standards has you feeling overwhelmed, this session will ease your mind! We've written a prescription for the common core standards that includes games and activities for every area of 3rd-5th grade math. This hands-on, interactive session will share a few of these ideas to ensure that your students love math and you have the necessary instructional materials in place. This won't be a tough pill to swallow! Our cure is a guaranteed success!

#24 Using Literature and Writing in Math Class (Grades K - 2)

Lori Price - St. Johns County Schools, Teacher, pricel2@stjohns.k12.fl.us

Time: Thursday 11:30 - 12:30
Location: Caribbean C

Participants in this hands on workshop will engage in activities that use Children's Literature as a backdrop for teaching math concepts through problem solving. Using math journals with students as a tool for leading them to a deeper understanding of math will also be discussed. Participants will leave with activities that can be used in the classroom.

#25 It's All Fun and Games! (Grades K – 5)

Debbie Perry - Poinciana STEM Elementary School, K-5 Math Resource Teacher,
debbie.perry@palmbeachschools.org
Elise Gordon, Lantana Elementary School

Time: Thursday 11:30 - 12:30
Location: Florida Bay 1

Are you looking for exciting ways to teach number sense? Whether you are using NGSSS or CCSS, you will be able to implement these activities into your lessons immediately! Participants will play five games geared toward primary mathematics and then enjoy playing the intermediate counterpart. Everyone will walk out the door with gameboards and directions!

#26 Math Works: Games, Puzzles and Diversions to Embellish the Common Core Standards (Grades 3 – 5)
John Hinton - Math Matters, Consultant, mathgames@mathmattersinc.com
Time: Thursday 11:30 - 12:30
Location: Florida Bay 2

Turn on your students to mathematics by using stimulating games to develop reasoning, and number relationships. Teachers in this hands-on interactive workshop will learn games and puzzles they can use immediately in their classrooms to build algebraic reasoning, inductive thought and basic number sense.

#27 Teaching Algebraic Concepts to Young Students (Grades 3 – 5)
Ellen Montney - Borenson And Associates, Inc., Instructor, info@borenson.com
Time: Thursday 11:30 - 12:30
Location: Florida Bay 3

The CCSSM require students as early as the third and fourth grades to represent word problems by an equation using the letter to represent an unknown. How is it possible for young students to succeed in a task that is difficult even for 9th graders? We will show how Hands-On Equations enables the student to transform the word problem into a concrete equation, and then transform that equation into a word problem using a letter to stand for the unknown.

#28 Discovering Slope Through Inquiry (Secondary 6 - 12)
Annamarie Greller – Osceola County, Instructor and Math Coach, grellera@osceola.k12.fl.us
Time: Thursday 11:30 - 12:30
Location: Biscayne Bay

Students will make predictions, complete trials, and write their own rules of slope before ever being told what y = mx + b means. Using TI- 84 calculators, they will discover slope and slope intercept form equation through inquiry. When students make discoveries, they own their ideas. When they discover slope, they understand it and know if forever.

#29 Yes You Can! Successful Teacher-Student Interaction Strategies for Every Classroom. (Middle Grades)
David Ricci - Martin County School District, Math teacher/Time To Teach Associate, DaveRicci@TimeToTeach.com
Time: Thursday 11:30 - 12:30
Location: Tampa Bay 1

You care. That's the bottom line for every teacher in America. Learn effective, up-front strategies and techniques for your classroom that nurtures every child. Yes, you can teach even the hard to reach student. Yes, you can lower disciplinary referrals. You can leave at the end of the day energized that you are a teacher.

#30 Math Moves Me - Let's Get Ready to NUMBERS – PK-2 (Grades Pre-K - 2)
Debby Mitchell - GeoMotion Group, Sales Representative, events@geomotiongroup.com
Time: Thursday 11:30 - 12:30
Location: Tampa Bay 2

The Math Moves Me workshop is a Movement Based Academic (MBA) activity based workshop that includes music & movement to reinforce basic fluency in math. The presentation will cover movement based activities and music as a classroom tool to enhance learning that teachers can use math concepts, highlighted with music and movement to generate measurable outcomes.

#31 The Fearless Teacher: Changing Lives One Classroom at a Time! (Secondary 6 - 12)
Jenny Ellis - Palm Beach County Council of Teachers of Mathematics, Math Teacher, jenny.ellis@fearlessteacher.com
Time: Thursday 11:30 - 12:30
Location: Tampa Bay 3

Much has been said about how to improve the American education system, but one thing is for sure: The "change" in education has to come from within the classroom, not from Washington D.C. or the state capital. Are YOU ready to reclaim your classroom and create a great learning experience for each and every one of your students, in spite of all the outside obstacles thrown your way? Here are well-defined, concrete, successful strategies to get yourself organized and your students on track to success. Fearless Teachers change lives one classroom at a time.

#32 Let's Sort, Splash, and G.N.A.W. (Secondary 6 - 12)
Jean Adams - OCCTM, Math Teacher, jean.adams@ocps.net
Time: Thursday 11:30 - 12:30
Location: Pensacola Bay

This session is filled with techniques to help students grow and develop a deeper understanding of mathematical concepts. You will find ideas for creating activities that encourage students to use vocabulary and learn methods that prompt your students to explain and justify their knowledge at a deeper level, as well as vertical teaming ideas for your department!

"The essence of mathematics is not to make simple things complicated, but to make complicated things simple."

S. Gudder

#33 Focus on the Core: Elementary (Grades K - 5)
Dr. Karol Yeatts- FLDOE, Director-Office of Mathematics and Science, karol.yeatts@fldoe.org
Jim Yeatts
Time: Thursday 12:45 – 1:45
Location: Michigan and Ontario

Common Core State Standards implementation calls for significantly lifting learning expectations, with a focus on deep understanding of content, high levels of thinking and the application of learning. The structure of the Common Core Standards for Mathematical Practices and their implications for teaching will be explored, as well as their connection to all the standards. The session will also focus on what instruction looks like when the Common Core State Standards for Mathematical Practices are put into action through model lessons.

#34 Picture Yourself Having Fun at Math (Secondary 6 – 12)
Mary Robertson - Edison State College, Professor of Math Education,
marobertson@edison.edu
Time: Thursday 12:45 - 1:45
Location: Coral

Use photography to incorporate real-world situations into your mathematics classroom. Use pictures in the real world to reinforce geometric shapes, areas, volumes, similar objects, transformations and much more. Use pictures to reinforce conic sections, Pythagorean theorem, slope and much more. Participants will receive a complementary CD containing ready to use examples.

#35 Getting Dramatic Improvement in Math Growth From Struggling Students (Secondary 6 - 12)
Kristine Marsh - Destination Knowledge, President, kmarsh@destknow.com
Time: Thursday 12:45 - 1:45
Location: Mediterranean A

Please join us to learn about how Ascend Math will catapult your students into high achievers! This web-based solution will automatically assess and place students into his or her individualized learning path and automatically assign lessons needed. The content includes Guided Notes to accompany video instruction, simulations & explorations, practice problems, solution videos, chapter reviews followed by post-tests to ensure mastery before moving on. Come hear how Braden River and Nolan Middle School achieved great gains using the Ascend Math Solution! Door prize: Kindle Fire!

#36 Increasing Students' Competence and Confidence in Fractions: A Lesson Study Approach (Grades 3 – 5)

Robert Schoen - Florida State University, Associate Director, FCR-STEM, rschoen@lsi.fsu.edu
Hannet, Brady; Wolfertz, Heather; Davenport, Lisa; Downes, Sue; Allen, Tammy; Gaskins, Anne (Citrus County Public Schools)

Time: Thursday 12:45 - 1:45
Location: Mediterranean B

During a summer program for rising sixth graders, this lesson study group set a goal of increasing student confidence with fractions. Using an evidence-based lesson study resource guide, the lesson study group studied international research in teaching and learning in fractions as well as planned and implemented a four-day research lesson unit. Stories of what we learned and videos of what we observed will be shared with participants.

#37 Student Guided Math Centers that align to Common Core Standards (Grades K – 5)

Rich Stuart - Learning Wrap-ups, Inc., Vice President, rich@learningwrapups.com

Time: Thursday 12:45 - 1:45
Location: Caribbean A

Math Centers that align to Common Core Standards and are easy to supervise from across the room.

#38 Early Assessment for a Successful Math Future (Grades K - 2)

Toni Backstrom - Sopris Learning, National Education Consultant,
toni.backstrom@soprislearning.com

Time: Thursday 12:45 - 1:45
Location: Caribbean B

Numeracy skills are a strong predictor of later math skills and overall academic achievement. How can you provide an early alert for students who may be struggling? This session will provide research behind the need for universal screening and progress monitoring in early math skills like numeral identification, magnitude comparison, missing numbers, and basic arithmetic facts, and how this information can inform and evaluate your instruction. Based on the research of Russell Gersten, Ph.D., and Joseph Dimino, Ph.D.

#39 Transitioning from conceptual understanding through Math Talk (Grades 3 - 5)

Lorri Benjamin- Golfview Elementary Magnet School, Math Coach, Benjamin.Lorri@brevardschools.org
Cindy Stewart; Golfview Elementary Magnet School
Time: Thursday 12:45 - 1:45
Location: Caribbean C

This session will demonstrate how to promote mathematical conversation in your classroom. Presenters will model activities at the conceptual level and suggest strategies that promote higher-order thinking and inquiry through hands-on learning games and bar modeling strategies. Our classroom practices have led students to be problem solvers in an environment that facilitates high student expectations.

#40 Pyramath - learning with games (Grades 3 – 5)

Ron Eaglin – Daytona State College, Associate Vice President. ron.eaglin@gmail.com
Time: Thursday 12:45 - 1:45
Location: Florida Bay 1

You will receive 3 games, Pyramath, Fractazmic, and Prime Bomb. This presentation will cover how to use these games effectively in a classroom setting and cover student outcomes.

#41 Standards of Mathematical Practice: How I can start now? (Secondary 6 - 12)

Joe McNaughton – School District of Manatee County, K-12 Mathematics Curriculum Specialist, Mcnaug1j@manateeschools.net
Time: Thursday 12:45 - 1:45
Location: Florida Bay 2

This is a time of transition. We are teaching and testing the NGSSS, but need to start the CCSS. How can I, as a teacher, prepare my students for state testing and also address Common Core. The answer is the Standards of Mathematical Practice. Learn how to use this vital part of the Common Core into your current curriculum.

"Pure mathematics is, in its way, the poetry of logical ideas."

Max Wilhelm Dehn

#42 Preparing for the Future: From the Prototype of the TI Graphing Calculator to Today and Beyond (High School)
Bhesh Mainali - University of Central Florida, Graduate Student (PhD),
Bhesh.Mainali@ucf.edu
Cheryl L. Avila
Time: Thursday 12:45 - 1:45
Location: Florida Bay 3

Historical look at how various tools in the mathematics classroom have changed over time with technology and a discussion of how tools should look in the future. We will exhibit and have activities for the abacus, slide rule and graphing calculators as well as with more recent technology to include dynamic software and wireless classroom networks. We will conclude the presentation with a discussion of how tools need to change in order to best prepare students for their future.

#43 Calculator Basics TI – 84 Plus (Secondary 6 - 12)
Annamarie Greller – Osceola County, Instructor and Math Coach, grellera@osceola.k12.fl.us
Time: Thursday 12:45 - 1:45
Location: Biscayne Bay

Do graphing calculators intimidate you? Then this is your workshop! Educators will understand and be able to teach students the basics of the TI-84 Plus calculator, using handouts with screen shots. Educators will be able to graph functions and analyze them.

#44 Yes You Can! Successful Teacher-Student Interaction Strategies for Every Classroom. (Middle Grades)
David Ricci - Martin County School District, Math teacher/Time To Teach Associate,
DaveRicci@TimeToTeach.com
Time: Thursday 12:45 - 1:45
Location: Tampa Bay 1

You care. That's the bottom line for every teacher in America. Learn effective, up-front strategies and techniques for your classroom that nurtures every child. Yes, you can teach even the hard to reach student. Yes, you can lower disciplinary referrals. You can leave at the end of the day energized that you are a teacher.

Don't forget to pick up your tickets in the Exhibits hall for the basket drawings. The drawing will take place during the closing ceremony!

#45 Meeting the Standards with Student Video Projects Using Free Software (High School)

Dominique Shimizu- Celebration High School, Science Teacher, shimizud@osceola.k12.fl.us
Janet Bisogno, Celebration High School, Science Teacher
Time: Thursday 12:45 - 1:45
Location: Tampa Bay 2

We will show how student created video projects in any content area engage students in active learning using technology. We have simple project ideas using basic technology and free online resources to create maximum impact video projects that let students express themselves, raplidly learn new content, and teach each other the standards.

#46 The Fearless Teacher: Changing Lives One Classroom at a Time! (Secondary 6 - 12)

Jenny Ellis - Palm Beach County Council of Teachers of Mathematics, Math Teacher, jenny.ellis@fearlessteacher.com
Time: Thursday 12:45 - 1:45
Location: Tampa Bay 3

Much has been said about how to improve the American education system, but one thing is for sure: The "change" in education has to come from within the classroom, not from Washington D.C. or the state capital. Are YOU ready to reclaim your classroom and create a great learning experience for each and every one of your students, in spite of all the outside obstacles thrown your way? Here are well-defined, concrete, successful strategies to get yourself organized and your students on track to success. Fearless Teachers change lives one classroom at a time.

#47 Let's Sort, Splash, and G.N.A.W. (Secondary 6 - 12)

Jean Adams - OCCTM, Math Teacher, jean.adams@ocps.net
Time: Thursday 12:45 - 1:45
Location: Pensacola Bay

This session is filled with techniques to help students grow and develop a deeper understanding of mathematical concepts. You will find ideas for creating activities that encourage students to use vocabulary and learn methods that prompt your students to explain and justify their knowledge at a deeper level, as well as vertical teaming ideas for your department!

#48 Focus on the Core (Secondary 6 - 12)
Dr. Karol Yeatts- FLDOE, Director-Office of Mathematics and Science, karol.yeatts@fldoe.org
Jim Yeatts
Time: Thursday 2:00 – 3:00
Location: Superior and Michigan

Common Core State Standards implementation calls for significantly lifting learning expectations, with a focus on deep understanding of content, high levels of thinking and the application of learning. The structure of the Common Core Standards for Mathematical Practices and their implications for teaching will be explored, as well as their connection to all the standards. The session will also focus on what instruction looks like when the Common Core State Standards for Mathematical Practices are put into action through model lessons.

#49 Curriculum mapping using the new interacitve CMAP tool from iCPALMS (General Interest)
Rabieh Razzouk -FCR-STEM/CPALMS, Project Director, rrazzouk@lsi.fsu.edu
Melanie Howard-Miller (Seminole County Public Schools) and Robert Lengacher (FCR-STEM/CPALMS)
Time: Thursday 2:00 – 3:00
Location: Ontario

During this session, participants will learn about a collaborative and interactive web application called CMAP for building curriculum maps and pacing guides. CMAP is one of the new tools that is available in iCPALMS. Discover how curriculum mapping and sequencing can be efficient, fun, and assists teachers through the year.

#50 FCTM Business Meeting (General Interest)
Time: Thursday 2:00 – 3:00
Location: Okeechobee 1 and 2

#51 Spanning the Digital Divide in Teacher Education Programs K-3 (Grades K - 2)
Michelle Beach- SMSU, Assistant Professor, michelle.beach@smsu.edu
Time: Thursday 2:00 – 3:00
Location: Coral

As student technology use and proficiency explosively expands across all grade levels, the achievement gap becomes more pronounced between young children who have access to--or don't have access to--technology at home. The purpose of this presentation is to discuss ways to engage children in mathematics by using technology in a manner to increase children's mathematics and technological skills. We will present methods that pre-service teacher education can integrate to help our new teachers use technology in the classroom to help close the growing achievement gap.

#52 Middle School Transition to the Common Core State Standards = Success for ALL (Middle Grades)

Larry Bradsby - Jeffco Schools, CO, Consultant, LSBRADSBY@GMAIL.COM

Time: Thursday 2:00 – 3:00
Location: Mediterranean A

Understanding the language and intention of the Common Core State Standards (CCSS) can be challenging. By connecting the CCSS Mathematical Practices of Reasoning, Making Sense, and Modeling to Content Standards, we can improve EOC scores. In this session we will model middle/secondary school strategies in Pre-Algebra and Algebra to make ALL students successful.

#53 Integrating Proof-Related Reasoning into the Secondary Classroom: Modifying Your Homework (High School)

Denisse Thompson - University of South Florida, Professor of Mathematics Education, denisse@usf.edu

Time: Thursday 2:00 – 3:00
Location: Mediterranean B

Proof-related reasoning is an essential aspect of mathematical proficiency. In addition, reasoning is one of the mathematical practices in the Common Core State Standards. In this session, we will look at typical textbook problems and consider how they might be modified in order to engage students in reasoning.

#54 Student Guided Math Centers that align to Common Core Standards (Grades K – 5)

Rich Stuart - Learning Wrap-ups, Inc., Vice President, rich@learningwrapups.com

Time: Thursday 2:00 – 3:00
Location: Caribbean A

Math Centers that align to Common Core Standards and are easy to supervise from across the room.

Education is the most powerful weapon which you can use to change the world.

Nelson Mandela

#55 Effective, Multi-sensory Writing Strategies for all Content Areas…Including MATH! (Middle Grades)

Toni Backstrom - Sopris Learning, National Education Consultant,
toni.backstrom@soprislearning.com

Time: Thursday 2:00 – 3:00
Location: Caribbean B

Writing across the content areas has been shown to significantly improve students' writing abilities (van Allen, 1991) and help "students connect the dots in their knowledge" (The National Commission on Writing, 2003). Writing promotes learning and critical thinking in all contexts, helps students think through key concepts and ideas, and gives students practice communicating using content-area vocabulary. This session will provide interactive activities that can be used directly in educators classrooms to empower student to become more proficient writers.

#56 Pyramath - learning with games (Grades 3 – 5)

Ron Eaglin – Daytona State College, Associate Vice President. ron.eaglin@gmail.com

Time: Thursday 2:00 – 3:00
Location: Florida Bay 1

You will receive 3 games: Pyramath, Fractazmic, and Prime Bomb. This presentation will cover how to use these games effectively in a classroom setting and cover student outcomes.

#57 Web-Based Simulations to Enhance Grades 3-12 Science and Mathematics (Secondary 6 – 12)

Glenn Nakamura- Bartow High School, Polk County Schools, Teacher,
glenn.nakamura@polk-fl.net

Time: Thursday 2:00 – 3:00
Location: Florida Bay 2

In this session, participants will learn how to incorporate virtual manipulatives and simulations into science and math instruction. Virtual manipulatives provide students with the opportunity to build lasting knowledge of science and math concepts through hands-on exploration of web-based instructional technology. The simulations are open ended, inquiry-based explorations that help to make the role of technology a seamless tool while deepening comprehension and increasing retention of content.

#58 JumpStart to High School Algebra 1 - A summer program designed to establish algebra readiness (Secondary 6 - 12)
Diana Snider - School District of Palm Beach County, Secondary Mathematics Program Planner, diana.snider@palmbeachschools.org
Judy Kern, School District of Palm Beach County
Time: Thursday 2:00 – 3:00
Location: Florida Bay 3

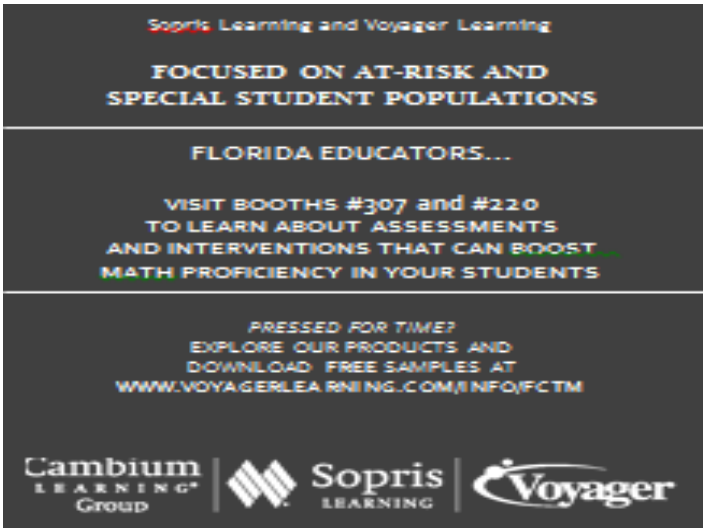
The School District of Palm Beach County provided incoming 9th grade students who were to be first-time Algebra 1 students with a 3-week summer algebra readiness program. This session will give other districts tips on the who, what, when, and how to have a successful summer algebra readiness program.

#59 Calculator Advanced TI – 84 Plus (Secondary 6 - 12)
Annamarie Greller – Osceola County, Instructor and Math Coach, grellera@osceola.k12.fl.us
Time: Thursday 2:00 – 3:00
Location: Biscayne Bay

Want more than the basics of the graphing calculator? Then this is your workshop! Educators will understand and be able to teach students scatter plots, lines of best fit, box-n-whisker, scientific notation, unit conversion and more with the TI-84 Plus calculator, using handouts with screen shots.

#60 Blended Algebra One: A case for creating a blended model! (Secondary 6 - 12)
Rhonda Williams - University of Florida, Doctoral Student, rlwms@ufl.edu
Time: Thursday 2:00 – 3:00
Location: Tampa Bay 1

Blended learning systems combine face-to-face instruction with computer-mediated instruction. Students will have the benefit of the flexibility and use of both modes of delivery. The blended course provides the variability for learning styles and motivational levels of students, which are not accounted for with the use of one method. The benefits and research-based strategies for creating blended mathematics courses and how they can increase student achievement will be presented.



#61 Functions for the Common Core - Linear, Quadratic, and Exponential Modeling Activities using TI-84. (Secondary 6 - 12)

John Nygren – PCTM, Retired Math Teacher, math_coach2@yahoo.com

Time: Thursday 2:00 – 3:00
Location: Tampa Bay 2

"Tell me and I forget, teach me and I may remember, involve me and I learn." - Ben Franklin What is your goal as a teacher? Hands-on activities with graphing calculators will engage students and give them a better understanding of why we are studying the Common Core State Standards.

#62 Chocolate Chip Statistics: Collecting and Analyzing Numerical Data (High School)

Susan Archer – Duval Schools, teacher, archers@duvalschools.org

Time: Thursday 2:00 – 3:00
Location: Tampa Bay 3

Hands-on lab for statistics lessons - measuring diameters and counting chips in cookies to collect data and have some fun. Use the data to create numerical data distributions and graphs. Use graphing calculators to find summary statistics.

#63 Tools for Transitioning to the Common Core State Standards of Mathematics (Middle Grades)

Janet Pittock - Think Through Math, VP Education, sales@thinkthroughmath.com
Rachel Burner

Time: Thursday 2:00 – 3:00
Location: Pensacola Bay

Participants will have an opportunity to hear from Janet Pittock, VP Education at Think Through Math, and Rachel Burner, Math Instructional Specialist at Think Through Math. They both have pragmatic and research-based recommendations for helping educators make an effective transition to the Common Core State Standards for Mathematics. The CCSS for Mathematics define what students should understand and be able to do in their study of mathematics. Participants will have an opportunity to pose questions for Janet during the workshop.

#64 Curriculum mapping using the new interacitve CMAP tool from iCPALMS (General Interest)

Rabieh Razzouk -FCR-STEM/CPALMS, Project Director, rrazzouk@lsi.fsu.edu
Melanie Howard-Miller (Seminole County Public Schools) and Robert Lengacher (FCR-STEM/CPALMS)

Time: Thursday 3:15 – 4:15
Location: Ontario

During this session, participants will learn about a collaborative and interactive web application called CMAP for building curriculum maps and pacing guides. CMAP is one of the new tools that is available in iCPALMS. Discover how curriculum mapping and sequencing can be efficient, fun, and assists teachers through the year.

#65 CPALMS Perspectives Video Project: Experts, Teachers, and Professionals (General Interest)

Adam Santone, PhD- FCR-STEM, Science Specialist, asantone@lsi.fsu.edu
Tabinda Syed, Video Production Specialist, FCR-STEM

Time: Thursday 3:15 – 4:15
Location: Okeechobee 1 and 2

The CPALMS Perspectives project seeks to provide standards-aligned viewpoints from experts, teachers, and professionals. These brief videos will be useful for understanding technical content, approaches to teaching, and for highlighting the appearance of science and mathematics concepts in practical, real-world situations. This project will focus on K-12 education standards from the Common Core State Standards for Mathematics and Next-Generation Sunshine State Standards for Science.

#66 Brain-Based Research and the Physiology of Learning (Middle Grades)

Nina Kuhn- Penda Learning, Chief Academic Officer, nkuhn@pendalearning.com

Time: Thursday 3:15 – 4:15
Location: Coral

This session explores the physiology of learning by applying principles of brain-based research. It discusses how to revolutionize the way that we teach and learn in today's classrooms. Learn to identify learning challenges, understand their origin and function in the brain, and discover ways to differentiate instruction.
Nina Kuhn is a veteran teacher, former administrator and the Chief Academic Officer of Penda. She is also an author with over 12 years of research on brain development, learning and student achievement.

#67 Middle School Transition to the Common Core State Standards = Success for ALL (Middle Grades)

Larry Bradsby - Jeffco Schools, CO, Consultant, LSBRADSBY@GMAIL.COM
Time: Thursday 3:15 – 4:15
Location: Mediterranean A

Understanding the language and intention of the Common Core State Standards (CCSS) can be challenging. By connecting the CCSS Mathematical Practices of Reasoning, Making Sense, and Modeling to Content Standards, we can improve EOC scores. In this session we will model middle/secondary school strategies in Pre-Algebra and Algebra to make ALL students successful.

#68 Effective Math Instruction (General)

Ronald Large –Principal, Pinecrest Elementary largerthanlifeinc@msn.com
Time: Thursday 3:15 – 4:15
Location: Mediterranean B

Presenter will demonstrate a variety of instructional techniques and best practices that significantly improve math achievement. Activities include vocabulary building through rhythm, high-interest lessons and research-based strategies.

#69 Fractions Do make sense and All Students Can Learn Them (Grades 2 - 6)

Lauri Susi – Conceptua Math, LLC., Director of Product Development,
lsusi@conceptuamath.com
Time: Thursday 3:15 – 4:15
Location: Caribbean A

Learn how to scaffold the teaching and learning of fractions by focusing on the big ideas using multiple representations, manipulatives and technology. Strategies for integrating the use of language and discourse to make fractions accessible for all learners, including English Language Learners and students with special needs, will be presented.

#70 Effective, Multi-sensory Writing Strategies for all Content Areas...Including MATH! (Middle Grades)

Toni Backstrom - Sopris Learning, National Education Consultant,
toni.backstrom@soprislearning.com
Time: Thursday 3:15 – 4:15
Location: Caribbean B

Writing across the content areas has been shown to significantly improve students' writing abilities (van Allen, 1991) and help "students connect the dots in their knowledge" (The National Commission on Writing, 2003). Writing promotes learning and critical thinking in all contexts, helps students think through key concepts and ideas, and gives students practice communicating using content-area vocabulary. This session will provide interactive activities that can be used directly in educators classrooms to empower student to become more proficient writers.

#71 Stop Avoiding the Ugly Step Sister: Point Slope Form of a Line. She is More Useful than You Thought. (Middle Grades)

Trung Vong – SCCTM, Teacher, trung_vong@scps.k12.fl.us
Dr. Kristen Springfield, SCCTM
Time: Thursday 3:15 – 4:15
Location: Florida Bay 1

This hands-on presentation will help you discover why all three forms of a line are important for a student's full understanding of linear equations. It will also show why the point-slope form of a line is especially useful for student growth and understanding of linear equations in future mathematics courses. Implementation strategies to help students get the big ideas of graphing lines and writing linear equations with games and collaborative student grouping activities will be shared and modeled.

#72 Getting to the "Core" of Math Workshop. (General Interest)

Cindy Leeber – St. Johns County, Curriculum Resource Coordinator, leeberc@stjohns.k12.fl.us
Time: Thursday 3:15 – 4:15
Location: Florida Bay 2

This presentation will provide participants with practical strategies and ideas for implementing math workshop in an elementary, middle or high school classroom. Specifically, the presentation will address incorporating many of the tools widely available in schools today to design a highly effective classroom. Emphasis will be placed on design, procedures, management, feedback and using high-yield instructional strategies to meet the demands of Common Core State Standards.

#73 JumpStart to High School Algebra 1 - A summer program designed to establish algebra readiness (Secondary 6 - 12)

Diana Snider - School District of Palm Beach County, Secondary Mathematics Program Planner, diana.snider@palmbeachschools.org
Judy Kern, School District of Palm Beach County
Time: Thursday 3:15 – 4:15
Location: Florida Bay 3

The School District of Palm Beach County provided incoming 9th grade students who were to be first-time Algebra 1 students with a 3-week summer algebra readiness program. This session will give other districts tips on the who, what, when, and how to have a successful summer algebra readiness program.

"One of the endlessly alluring aspects of mathematics is that its thorniest paradoxes have a way of blooming into beautiful theories."

Philip J. Davis

#74 Calculator Advanced TI – 84 Plus (Secondary 6 - 12)
Annamarie Greller – Osceola County, Instructor and Math Coach, grellera@osceola.k12.fl.us
Time: Thursday 3:15 – 4:15
Location: Biscayne Bay

Want more than the basics of the graphing calculator? Then this is your workshop! Educators will understand and be able to teach students scatter plots. lines of best fit, box-n-whisker, scientific notation, unit conversion and more with the TI-84 Plus calculator, using handouts with screen shots.

#75 Blended Algebra One: A case for creating a blended model! (Secondary 6 - 12)
Rhonda Williams - University of Florida, Doctoral Student, rlwms@ufl.edu
Time: Thursday 3:15 – 4:15
Location: Tampa Bay 1

Blended learning systems combine face-to-face instruction with computer-mediated instruction. Students will have the benefit of the flexibility and use of both modes of delivery. The blended course provides the variability for learning styles and motivational levels of students, which are not accounted for with the use of one method. The benefits and research-based strategies for creating blended mathematics courses and how they can increase student achievement will be presented.

#76 Chocolate Chip Statistics: Collecting and Analyzing Numerical Data (High School)
Susan Archer – Duval Schools, teacher, archers@duvalschools.org
Time: Thursday 3:15 – 4:15
Location: Tampa Bay 3

Hands-on lab for statistics lessons - measuring diameters and counting chips in cookies to collect data and have some fun. Use the data to create numerical data distributions and graphs. Use graphing calculators to find summary statistics.

#77 Tools for Transitioning to the Common Core State Standards of Mathematics (Middle Grades)
Janet Pittock - Think Through Math, VP Education, sales@thinkthroughmath.com
Rachel Burner
Time: Thursday 3:15 – 4:15
Location: Pensacola Bay

Participants will have an opportunity to hear from Janet Pittock, VP Education at Think Through Math, and Rachel Burner, Math Instructional Specialist at Think Through Math. They both have pragmatic and research-based recommendations for helping educators make an effective transition to the Common Core State Standards for Mathematics. The CCSS for Mathematics define what students should understand and be able to do in their study of mathematics. Participants will have an opportunity to pose questions for Janet during the workshop.

#78 CPALMS Perspectives Video Project: Experts, Teachers, and Professionals (General Interest)

Adam Santone, PhD- FCR-STEM, Science Specialist, asantone@lsi.fsu.edu
Tabinda Syed, Video Production Specialist, FCR-STEM
Time: Thursday 4:30 – 5:30
Location: Okeechobee 1 and 2

The CPALMS Perspectives project seeks to provide standards-aligned viewpoints from experts, teachers, and professionals. These brief videos will be useful for understanding technical content, approaches to teaching, and for highlighting the appearance of science and mathematics concepts in practical, real-world situations. This project will focus on K-12 education standards from the Common Core State Standards for Mathematics and Next-Generation Sunshine State Standards for Science.

#79 Brain-Based Research and the Physiology of Learning (Middle Grades)

Nina Kuhn- Penda Learning, Chief Academic Officer, nkuhn@pendalearning.com
Time: Thursday 4:30 – 5:30
Location: Coral

This session explores the physiology of learning by applying principles of brain-based research. It discusses how to revolutionize the way that we teach and learn in today's classrooms. Learn to identify learning challenges, understand their origin and function in the brain, and discover ways to differentiate instruction.
Nina Kuhn is a veteran teacher, former administrator and the Chief Academic Officer of Penda. She is also an author with over 12 years of research on brain development, learning and student achievement.

#80 FUN with FRACTIONS! (Grades 3 – 5)

Tim Kenney – Duval Schools, Teacher, kenneyt@duvalschools.org
Time: Thursday 4:30 – 5:30
Location: Mediterranean A

This session will focus on helping children develop a deeper understanding of fractions through games and activities. Come explore ways to teach children different meanings and models of fractions that are addressed in the Common Core and Next Generation Sunshine State Standards. Statistics show that 5 out of 4 people have a problem with fractions! Don't miss out on this session.

#81 Got an iPad, Now What? (General)

Alicia Linder - Dean of Mathematics Edward W. Bok Academy
Everglades K-12 Publishing, Inc., Vice President, bnunn@evergladesk12.com
Time: Thursday 4:30 – 5:30
Location: Mediterranean B

Got an iPad? Have a few iPads? Spoiled with a class set of iPads? Learn from an educator, whose road to integration of the iPad was full of curves and bumps, on how to manage, facilitate, and integrate the iPad into your learning environment. You will learn techniques for day to day management, apps for direct instruction, and engaging ways to incorporate the iPad as teaching tool. Join in and be ready to discover how to use the iPad to transform your learning environment starting tomorrow!

#82 Investigating the Curious Case of Conics - Where Science, Algebra and Geometry Meet (Secondary 6 – 12)

Lou Cleveland - Chipola College, Dean, School of Education, clevelandl@chipola.edu
Chipola College Teacher Education Candidates
Time: Thursday 4:30 – 5:30
Location: Caribbean A

Chipola College Teacher Education candidates will lead you through bubble-blowing, rope-hanging, paint-dipping classroom activities, as well as free GeoGebra software activities, that can be used to build student understanding of circles, ellipses, and parabolas. These activities, used in a Panhandle Area Educational Consortium (PAEC) FloridaLearns STEM Scholars Summer Challenge, help students make connections between algebraic and geometric representations of conic sections.

#83 Stop Avoiding the Ugly Step Sister: Point Slope Form of a Line. She is More Useful than You Thought. (Middle Grades)

Trung Vong – SCCTM, Teacher, trung_vong@scps.k12.fl.us
Dr. Kristen Springfield, SCCTM
Time: Thursday 4:30 – 5:30
Location: Florida Bay 1

This hands-on presentation will help you discover why all three forms of a line are important for a student's full understanding of linear equations. It will also show why the point-slope form of a line is especially useful for student growth and understanding of linear equations in future mathematics courses. Implementation strategies to help students get the big ideas of graphing lines and writing linear equations with games and collaborative student grouping activities will be shared and modeled.

#84 Getting to the "Core" of Math Workshop. (General Interest)
Cindy Leeber – St. Johns County, Curriculum Resource Coordinator, leeberc@stjohns.k12.fl.us
Time: Thursday 4:30 – 5:30
Location: Florida Bay 2

This presentation will provide participants with practical strategies and ideas for implementing math workshop in an elementary, middle or high school classroom. Specifically, the presentation will address incorporating many of the tools widely available in schools today to design a highly effective classroom. Emphasis will be placed on design, procedures, management, feedback and using high-yield instructional strategies to meet the demands of Common Core State Standards.

#85 Real-World Math for Earth's Sake (Middle Grades)
Terri Clark - Central Florida Zoo, Community Resource Manager,
terric@centralfloridazoo.org
Time: Thursday 4:30 – 5:30
Location: Florida Bay 3

So much of environmental awareness relies on our understanding of mathematics. Discover how algebra, data analysis, problem-solving, measurement and more are all employed in hands-on activities to learn more about human population trends, energy use, land use, climate change and other issues shaping our future on earth. Free CD-ROM.

#86 Calculator Advanced TI – 84 Plus (Secondary 6 - 12)
Annamarie Greller – Osceola County, Instructor and Math Coach, grellera@osceola.k12.fl.us
Time: Thursday 4:30 – 5:30
Location: Biscayne Bay

Would you like your students to know what a graph looks like before they graph it? Educators will understand and be able to teach students the graphing families through inquiry using the TI-84 Plus calculators. Educators will model how students will make predictions, conduct trials and prove their theories. Educators will be able to model the family of graphs dance to their students.

#87 Chocolate Chip Statistics: Collecting and Analyzing Numerical Data (High School)
Susan Archer – Duval Schools, teacher, archers@duvalschools.org
Time: Thursday 4:30 – 5:30
Location: Tampa Bay 3

Hands-on lab for statistics lessons - measuring diameters and counting chips in cookies to collect data and have some fun. Use the data to create numerical data distributions and graphs. Use graphing calculators to find summary statistics.

#88 Tools for Transitioning to the Common Core State Standards of Mathematics (Middle Grades)

Janet Pittock - Think Through Math, VP Education, sales@thinkthroughmath.com
Rachel Burner

Time: Thursday 4:30 – 5:30
Location: Pensacola Bay

Participants will have an opportunity to hear from Janet Pittock, VP Education at Think Through Math, and Rachel Burner, Math Instructional Specialist at Think Through Math. They both have pragmatic and research-based recommendations for helping educators make an effective transition to the Common Core State Standards for Mathematics. The CCSS for Mathematics define what students should understand and be able to do in their study of mathematics. Participants will have an opportunity to pose questions for Janet during the workshop.

Thanks to Carnegie Learning for your support of the Florida Council of Teachers of Mathematics 2012 State Conference

Celebrating 60 years of dedicated service to Mathematics Education in the state of Florida!

Presidents VIP Reception

Time: 6:00 – 7:30 pm

Location: Florida Bay

<u>EVERYONE</u> WELCOME!!

#89 The Interaction of High Stakes Testing and Math Anxiety on Student Math Achievement. (High School)

Esther Joseph- Florida International University, Doctoral Student, EFINEUS@FIU.EDU

Time: Friday 8:00 - 9:00
Location: Okeechobee 1

With the recent implementations of more rigorous standards, an increase in testing is likely to ensue. This presentation will therefore discuss effects of math anxiety on high stakes tests, the effects of high stakes testing on math anxious students, and their concurrent effects on math achievement.

#90 Train Your Core for Six-Pack Standards: Classroom Management for Teachers to Do More for the Common Core (Secondary 6 - 12)

Christine Murno - Time to Teach, Educational Consultant & Trainer,
christinemurno@timetoteach.com

Time: Friday 8:00 - 9:00
Location: Okeechobee 2

The Common Core is clear on student expectations of learning, but it is up to teachers to actually help them learn…with typically less time and resources than ever! Teaching behavioral expectations is the foundation for teaching academic expectations. Participants will acquire proactive strategies to implement common rules and routines identified through research as the most critical to successful classrooms. This instructional approach to classroom management creates a caring and structured classroom in which critical and creative thinking are maximized.

#91 Equality: Common Misconceptions of Elementary Students (Grades K – 2)

Charity Bauduin - Florida Center for Research in Science, Technology, Engineering, and Mathematics, Florida State University, MFAS District Facilitator, cbauduin2@lsi.fsu.edu
Robert C. Schoen, Zachary Champagne, Linda Walker, Maureen Oberlin, Florida Center for Research in Science, Technology, Engineering, and Mathematics, Florida State University

Time: Friday 8:00 - 9:00
Location: Coral

Children often have some surprising misconceptions about the meaning of the equal sign. The presenters will review existing research, examine relevant Common Core Standards, and demonstrate how these misconceptions can be quickly identified. The majority of the session will consist of participants examining freely-based video clips of students responding to formative assessment tasks aligned to the CCSS and how teachers can begin to expose students to more than just the a + b = c standard equation.

#92 The Mathematics of Paper Folding using Letter Sized Paper (High School)

John Gorman - Riverview High School, Teacher, john_gorman@sarasota.k12.fl.us
Time: Friday 8:00 - 9:00
Location: Mediterranean A

Participants will fold paper to explore mathematical relationships, lengths, and angles. From Pre-Algebra to Pre-Calculus.

#93 Let's Sort, Splash, and G.N.A.W. (Secondary 6 - 12)

Jean Adams - OCCTM, teacher, jean.adams@ocps.net
Time: Friday 8:00 - 9:00
Location: Mediterranean B

This session is filled with techniques to help students grow and develop a deeper understanding of mathematical concepts. You will find ideas for creating activities that encourage students to use vocabulary and learn methods that prompt your students to explain and justify their knowledge at a deeper level, as well as vertical teaming ideas for your department!

#94 911 Emergency - I have an Algebra Casualty! (High School)

Larry Bradsby - Jeffco Schools, CO, Consultant, lsbradsby@gmail.com
Time: Friday 8:00 – 9:00
Location: Mediterranean C

Learn about ways to provide support and intervention to students 'at-risk' for Algebra failure or not passing the EOC. What multisensory and instructional strategies work best for Level 1, 2 and even 3 students who just don't get Algebra? Be actively involved with sample activities that you can use in your classroom! Hear from national expert and author Larry Bradbsy, former president of National Council of Supervisors of Mathematics.

#95 NOW in the Algebra Classroom, Memorizing is Out – Understanding is In! (Middle Grades)

Nancy Thiele - Big Ideas Learning, Director of Curriculum and Instruction, nthiele@larsontexts.com
Time: Friday 8:00 - 9:00
Location: Caribbean A

This engaging workshop will provide participants with activities that utilize the Mathematical Practices to help students develop a deeper understanding of Algebra Concepts.

#96 Ten Frames: the Right Tool for Common Core Number Sense in the Primary Grades (Grades K - 2)

Christine Losq - CSL Associates, Inc., President, c_losq@mathcoachinteractive.com

Time: Friday 8:00 - 9:00
Location: Caribbean B

To meet the Common Core standards for primary grades, using the right number sense tool to understand numbers to 100 is more important than ever. You will learn how the ten frame model develops deep foundations in number sense, invites algebraic thinking, and supports mastery of basic facts and place value. Take away Common Core aligned, classroom-ready, classroom-proven materials.

#97 Helping Learners Who Struggle and Those Who Don't to Communicate Their Thinking and Develop Problem Solving Skills in Mathematics. (Grades 3 – 5)

Cathy Marks Krpan - University of Toronto, Professor, cathy.marks.krpan@utoronto.ca

Time: Friday 8:00 - 9:00
Location: Caribbean C

How can we teach our diverse learners the skills they need to communicate effectively? How can we assist learners who struggle in mathematics and at the same time enhance mathematical learning for those who don't? During this hands-on session we will focus on fun, easy-to-implement activities that help all learners communicate their thinking, learn math content, work in groups and develop key problem solving skills in mathematics. Practical activities that you can use tomorrow in your classroom will be shared.

#98 Infusing African & African-American History (Secondary 6 – 12)

Adrian Dowdell - School District of Palm Beach County, Teacher,
Adrian.dowdell@palmbeachschools.org
Rombin O'Brien, School District of Palm Beach County

Time: Friday 8:00 - 9:00
Location: Florida Bay 1

The session will present examples and methods for the infusion of African & African-American History into math lessons. The content will focus on secondary math lessons and will include examples.

#99 What Research Says about Problem Solving in Grades 4 to 8 (Middle Grades)

John Woodward - University of Puget Sound, Dean, woodward@pugetsound.edu
Time: Friday 8:00 - 9:00
Location: Florida Bay 2

This presentation will review the five recommendations of a recently published Practice Guide by the Institute for Education Science (IES). The Guide is a comprehensive review of high quality, empirical research on math problem solving in grades 4 to 8. A complementary website from Doing What Works, which contains a wealth of materials on problem solving, will be discussed. The Guide is only one of three of its kind on mathematics published by IES and the US Department of Education.

#100 Screen-capture software for teaching, learning, and assessing mathematics (Secondary 6 - 12)

Janet Andreasen - University of Central Florida, Instructor, Janet.Andreasen@ucf.edu
Deborah McGinley (OCPS), Aline Aghayyar (UCF), Zyad Bawatneh (UCF)
Time: Friday 8:00 - 9:00
Location: Florida Bay 3

Fascinated by YouTube videos and Khan Academy? Wonder how people do that? This session will explore the use of software to create your own videos for student learning and assessment. The effective use of software for this purpose can help to differentiate instruction and reach diverse populations of students.

#101 Work Smarter, Not Harder! How to motivate students to behave, work, and enjoy learning. (General Interest)

Debbie Sandstrom - Astronaut High School, Teacher, debjsandstrom16@gmail.com
Time: Friday 8:00 - 9:00
Location: Biscayne Bay

This is not the next 'widget' of the week. This is a proven, practical, system to improve classroom behavior and increase test scores. These are the strategies for dealing with student discipline problems in the classroom. It can be tailored to fit your specific needs and style. You will learn how to design a positive learning environment, how to build positive rapport with students, design effective and engaging lessons, and how to successfully communicate and teach behavioral expectations to students.

#102 The Achievement Gap: Challenges and Opportunities for Today's Teachers (Secondary 6 - 12)

Frank Conic III - University of Florida, Graduate Student (Ph.D.), frank_conic@yahoo.com
Time: Friday 8:00 - 9:00
Location: Tampa Bay 1

This paper represents an effort to organize scholarly research that has attempted to address the causes and complexities of the achievement gap that affects minority students in mathematics and sciences.

#103 REAL Classrooms: Relevant, Authentic, Engaging Learning (Grades K-5)

Susan Nunamaker - Clemson Elementary School, 3rd Grade Teacher, susan@mc4k.com
Time: Friday 8:00 - 9:00
Location: Tampa Bay 2

We all know that math is necessary for success in the real world, but do students typically realize that in our classrooms? Learn how to transform the classroom into a place that ties together all core subject areas, financial literacy, and behavior management. From paying taxes and rent to entrepreneurship, students use math throughout the school day to determine the best life choices inside the classroom. Aligned to Common Core Standards and National Financial Literacy Standards, this pedagogy creates a unique and exciting way to teach and learn in classrooms that prepare students for a global economy.

#104 Comics, Videos, and Animations: How can these help in teaching writing and simplifying math expressions? (Middle Grades)

Carmella Crawford - AIMS Education Foundation, Trainer, carmellacrawford@hotmail.com
Time: Friday 8:00 - 9:00
Location: Tampa Bay 3

Join me to explore hands-on investigations that will help students have a deeper understanding of writing and simplifying math expressions. These investigations are engaging and real-world related. They will help students obtain a good foundation for Algebra and beyond.

#105 Cardboard Boat Building in Math Class (Middle Grades)

Chris Fennell - Oasis Middle School, Mathematics Department Head,
christopher.fennell@capecharterschools.org
John Omundsen, Oasis Middle School
Time: Friday 8:00 - 9:00
Location: Pensacola Bay

Building a life-size cardboard boat in eighth grade gives students and teachers the opportunity to assess and apply major Florida state standards from grades 6-8 in a project-based learning environment. This session will include the process we went through, student samples, as well as the mathematical processes. Interdisciplinary connections will also be presented. The use of Google Sketch Up will also be discussed.

#106 Update on PARCC Assessments (General Interest)
Vince Verges - Florida Department of Education, PARCC Project Director, vince.verges@fldoe.org
Time: Friday 9:15 - 10:15
Location: Superior and Michigan

An update will be provided on PARCC, including recent work, milestones, and Florida's involvement.

#107 A Hands-On Overview of CPALMS and iCPALMS (General Interest)
Rabieh Razzouk - FCR-STEM/CPALMS,Project Director, rrazzouk@lsi.fsu.edu
Meghan Hauptli (FCR-STEM/CPALMS)
Time: Friday 9:15 - 10:15
Location: Ontario

A demonstration of the CPALMS and iCPALMS tools, partnership programs and content initiatives to support the implementation of the Common Core State Standards (CCSS). During this session, participants will learn how to access peer and expert vetted resources for the CCSS and use the different tools available for them for instructional planning. CPALMS is a collaboration platform that provides peer and content-area expert reviewed instructional/educational resources and tools to support standards-driven instruction.

#108 FAMTE Meeting (College Educators)
Cassandra Etgeton – FAMTE, President, cetgeton@unf.edu
Time: Friday 9:15 - 10:15
Location: Okeechobee 1

Annual meeting of the Florida Association of Mathematics Teacher Educators

#109 Train Your Core for Six-Pack Standards: Classroom Management for Teachers to do More for the Common Core (Secondary 6 - 12)
Christine Murno - Time to Teach, Educational Consultant & Trainer, christinemurno@timetoteach.com
Time: Friday 9:15 - 10:15
Location: Okeechobee 2

The Common Core is clear on student expectations of learning, but it is up to teachers to actually help them learn… with typically less time and resources than ever! Teaching behavioral expectations is the foundation for teaching academic expectations. Participants will acquire proactive strategies to implement common rules and routines identified through research as the most critical to successful classrooms. This instructional approach to classroom management creates a caring and structured classroom in which critical and creative thinking are maximized.

#110 Common Core State Standards: Where Counting and Cardinality Meet (Grades K – 2)

Zachary Champagne - Florida Center for Research in Science, Technology, Engineering, and Mathematics (FCR-STEM), District Facilitator, zchampagne@lsi.fsu.edu
Robert C. Schoen, Charity Bauduin, Linda Walker, Florida Center for Research in Science, Technology, Engineering, and Mathematics
Time: Friday 9:15 - 10:15
Location: Coral

Decades of research findings provide a clear and concise structure for understanding what children must understand to become proficient in counting. Participants will learn where the Common Core State Standards address those ideas directly, and discuss video clips of K - 1 students learning to count. Presenters will also share Gelman & Gallistel's (1978) counting principles, how they are reflected in the CCSS, and how the conservation of cardinality principle plays a critical role in students understanding how to count.

#111 The Mathematics of Paper Folding using Letter Sized Paper (High School)

John Gorman - Riverview High School, Teacher, john_gorman@sarasota.k12.fl.us
Time: Friday 9:15 - 10:15
Location: Mediterranean A

Participants will fold paper to explore mathematical relationships, lengths, and angles. From Pre-Algebra to Pre-Calculus.

#112 Let's Sort, Splash, and G.N.A.W. (Secondary 6 - 12)

Jean Adams - OCCTM, teacher, jean.adams@ocps.net
Time: Friday 9:15 - 10:15
Location: Mediterranean B

This session is filled with techniques to help students grow and develop a deeper understanding of mathematical concepts. You will find ideas for creating activities that encourage students to use vocabulary and learn methods that prompt your students to explain and justify their knowledge at a deeper level as well as, vertical teaming ideas for your department!

#113 911 Emergency - I have an Algebra Casualty! (High School)

Larry Bradsby - Jeffco Schools, CO, Consultant, lsbradsby@gmail.com
Time: Friday 9:15 – 9:15
Location: Mediterranean C

Learn about ways to provide support and intervention to students 'at-risk' for Algebra failure or not passing the EOC. What multisensory and instructional strategies work best for Level 1, 2 and even 3 students who just don't get Algebra? Be actively involved with sample activities that you can use in your classroom! Hear from national expert and author Larry Bradbsy, former president of National Council of Supervisors of Mathematics.

#114 Preparing Students for the Algebra EOC: Introducing ALGEBRA NATION, a Free Online Student Resource Developed by UF and Study Edge (High School)

Joy Schackow - University of Florida, Professor-in-Residence, schackow@coe.ufl.edu
Cyndi Greenberg, Pinellas County Schools
Time: Friday 9:15 - 10:15
Location: Caribbean A

For Florida's high school students, the Algebra End-of-Course exam is as high stakes as it gets. The University of Florida has joined forces with e-learning innovator Study Edge to create and deliver ALGEBRA NATION – a highly effective, intensive, social-learning, 24/7, free, online EOC-prep resource for students. ALGEBRA NATION Is a potent supplemental tool that teachers can utilize as part of their lesson plans and even assign as homework. ALGEBRA NATION will be available in time for the Spring 2013 exam.

#115 Ten Frames: the Right Tool for Common Core Number Sense in the Primary Grades (Grades K - 2)

Christine Losq - CSL Associates, Inc., President, c_losq@mathcoachinteractive.com
Time: Friday 9:15 - 10:15
Location: Caribbean B

To meet the Common Core standards for primary grades, using the right number sense tool to understand numbers to 100 is more important than ever. You will learn how the ten frame model develops deep foundations in number sense, invites algebraic thinking, and supports mastery of basic facts and place value. Take away Common Core aligned, classroom-ready, classroom-proven materials.

#116 Launching into Common Core through Calendar Routines (Grades K – 5)

Chris Worley - St Lucie County, Math Coach, christina.worley@stlucieschools.org
Tari Sexton, Math Coach; Victoria Pease, Math Coach; Kimberly Jay, Assistant Principal
Time: Friday 9:15 - 10:15
Location: Caribbean C

Wondering about the calendar instruction that you have always used? Looking for a new approach to calendar routines that infuse the 8 mathematical practices and support your lessons, then this presentation is for you. This brief presentation is designed for teachers in grades K-5 that use calendar routines in their daily math instruction. Attendees will leave with strategies, ideas and plans that incorporate calendar routines as an integral part of the daily math lesson.

#117 Infusing African & African American History (Secondary 6 – 12)
Adrian Dowdell - School District of Palm Beach County, Teacher,
Adrian.dowdell@palmbeachschools.org
Rombin O'Brien, School District of Palm Beach County
Time: Friday 9:15 - 10:15
Location: Florida Bay 1

The session will present examples and methods for the infusion of African & African American History into math lessons. The content will focus on secondary math lessons, and will include examples.

#118 What Research Says about Problem Solving in Grades 4 to 8 (Middle Grades)
John Woodward - University of Puget Sound, Dean, woodward@pugetsound.edu
Time: Friday 9:15 - 10:15
Location: Florida Bay 2

This presentation will review the five recommendations of a recently published Practice Guide by the Institute for Education Science (IES). The Guide is a comprehensive review of high quality, empirical research on math problem solving in grades 4 to 8. A complementary website from Doing What Works, which contains a wealth of materials on problem solving, will be discussed. The Guide is only one of three of its kind on mathematics published by IES and the US Department of Education.

#119 Screen-capture software for teaching, learning, and assessing mathematics (Secondary 6 - 12)
Janet Andreasen - University of Central Florida, Instructor, Janet.Andreasen@ucf.edu
Deborah McGinley (OCPS), Aline Aghayyar (UCF), Zyad Bawatneh (UCF)
Time: Friday 9:15 - 10:15
Location: Florida Bay 3

Fascinated by YouTube videos and Khan Academy? Wonder how people do that? This session will explore the use of software to create your own videos for student learning and assessment. The effective use of software for this purpose can help to differentiate instruction and reach diverse populations of students.

#120 Work Smarter, Not Harder! How to motivate students to behave, work, and enjoy learning. (General Interest)
Debbie Sandstrom - Astronaut High School, Teacher, debjsandstrom16@gmail.com
Time: Friday 9:15 - 10:15
Location: Biscayne Bay

This is not the next 'widget' of the week. This is a proven, practical, system to improve classroom behavior and increase test scores. These are the strategies for dealing with student discipline problems in the classroom. It can be tailored to fit your specific needs and style. You will learn how to design a positive learning environment, how to build positive rapport with students, design effective and engaging lessons, and how to successfully communicate and teach behavioral expectations to students.

#121 The Achievement Gap: Challenges and Opportunities for Today's Teachers (Secondary 6 - 12)
Frank Conic III - University of Florida, Graduate Student (Ph.D.), frank_conic@yahoo.com
Time: Friday 9:15 - 10:15
Location: Tampa Bay 1

This paper represents an effort to organize scholarly research that has atempted to address the causes and complexities of the achievement gap that effects minority students in mathematics and sciences.

#122 Using Online EQUATIONS: The Game of Creative Mathematics to Increase Motivation and Mathematics Achievement and Understand Algebraic Structure (General Interest)
John Dalida - Kansas State University, Emeritus Professor, dalida@ksu.edu
Time: Friday 9:15 - 10:15
Location: Tampa Bay 2

Online EQUATIONS is a new, exciting and convenient version of a 50-year effort in Instructional Gaming Programs that have doubled math achievement, cut inner city absenteeism by 2/3 and significantly increased the ability to apply advanced math concepts. Come and explore an appropriate algebraic structure and experience hands-on how this game teaches creative problem solving and personalized instruction. Learn how to facilitate student tournaments both in-class and at home.

SAVE THE DATE:

Florida Council of Teachers of Mathematics 2013
Orlando, Florida
October 17 – 19, 2013

#123 Comics, Videos, and Animations: How can these help in teaching writing and simplifying math expressions? (Middle Grades)
Carmella Crawford - AIMS Education Foundation, Trainer, carmellacrawford@hotmail.com
Time: Friday 9:15 - 10:15
Location: Tampa Bay 3

Join me to explore hands-on investigations that will help students have a deeper understanding of writing and simplifying math expressions. These investigations are engaging and real-world related. They will help students obtain a good foundation for Algebra and beyond.

#124 Making a Math Trail a Reality (Grades K – 5)
Venus McGhee - Pinellas County Schools, Gulfport Elementary, 2nd grade,
kalakauskisv@pcsb.org
Time: Friday 9:15 - 10:15
Location: Pensacola Bay

Have you ever wondered what it takes to develop a math trail at your school? Our math trail has two main goals: 1.) To help children see math in the world around them and to provide daily math practice 2.) Learn about the steps and collaboration it took to make our math trail at Gulfport Elementary a reality. See the distance we were able to take it and how far we envision it will take our students on their math journeys.

Vendors' Special Event for Secondary!!

Time:
10:30 – 11:30 am

Location:
Oceans Ballroom

#125 Introducing CPALMS Lesson Study Support System (General Interest)
Lance King - Associate in Research, Lesson Study Coordinator, lking@lsi.fsu.edu
Rabieh Razzouk
Time: Friday 10:30 - 11:30
Location: Superior

This presentation will highlight the Lesson Study Support System, an online app that supports teachers engaged in lesson study, a teacher-led, practice-based form of professional development.

#126 A hands-on overview of CPALMS and iCPALMS (General Interest)
Rabieh Razzouk - FCR-STEM/CPALMS,Project Director, rrazzouk@lsi.fsu.edu
Meghan Hauptli (FCR-STEM/CPALMS)
Time: Friday 10:30 - 11:30
Location: Ontario

A demonstration of the CPALMS and iCPALMS tools, partnership programs and content initiatives to support the implementation of the Common Core State Standards (CCSS). During this session, participants will learn how to access peer and expert vetted resources for the CCSS and use the different tools available for them for instructional planning.

#127 Hands-on Math Centers that align with the Common Core.
(Grades K – 5)
Rich Stuart - Learning Wrap-ups, Inc., Vice President, rich@learningwrapups.com
Time: Friday 10:30 - 11:30
Location: Okeechobee 1

Attendees will play with and keep Learning Palette product samples that provide reinforcement of curriculum that students are being taught.

#128 Something Old, Something New, Something Borrowed, Something Blue--Integrating Time-proven practices with modern technology to meet the CCSS (General Interest)
Joseph Irby - BestQuest Teaching Systems, President, joei@bestquest.com
Time: Friday 10:30 - 11:30
Location: Okeechobee 2

Bring your iPads and iPhones and interact with the presentation. We will be working on using current technology (interactive boards, iPads/iPhones, interactive slates, learning management systems, multi-media, etc.) to deliver instruction that uses technology to empower best teaching practices that include: real world connections, formative assessments, differentiated instruction, project based learning, and, models and manipulatives. Learn how to develop a complete digital curriculum built that meets the process and content standards of the CCSS and can work smoothly in a "real" classroom.

#129 Problem Solving Strategies Chosen by Students in K-2(Grades K – 2)
Linda Walker - Florida Center for Research in Science, Technology, Engineering, and Mathematics, Florida State University, District Facilitator for Walton County, lindawalker3107@comcast.net
Rob Schoen, Charity Bauduin, Zach Champagne: Florida Center for Research in Science, Technology, Engineering, and Mathematics, Florida State University
Time: Friday 10:30 - 11:30
Location: Coral

We will view and discuss video clips of K-2 students in Florida classrooms solving and explaining their solutions to story problems. Problems will include situations of adding to, taking from, putting together, taking apart, and comparing, with the unknowns in all three positions. A brief summary of what we find in research about solving such problems will be shared.

#130 Teaching with Technology (Grades K – 2)
Amanda Loyden – University of South Florida, Doctoral Student, ALoyden@mail.usf.edu
Time: Friday 10:30 - 11:30
Location: Mediterranean A

Learn methods of teaching elementary mathematics, specifically probability and statistics, with technology, including the core math tools and virtual manipulatives. If you have a laptop, bring it and follow along as the technology is free to anyone!

#131 DICE GUYS (Middle Grades)
Brett Bryant - Carwise Middle – Pinellas, Teacher, bryantbr@pcsb.org
DJ Jent
Time: Friday 10:30 - 11:30
Location: Mediterranean B

Hands-on, interactive dice lessons on many topics covering numbers and operations, algebra, geometry and other concepts. We still have the same great activities with NEW updated activities. Teachers will receive a CD as resource for their lessons.

#132 What Leaders Need to Know to Help "At-Risk" Students Be Successful in Secondary Mathematics! Research-Based Teaching Strategies and Methods (General Interest)
Larry Bradsby - Jeffco Schools, CO, Consultant, LSBRADSBY@GMAIL.COM
Time: Friday 10:30 - 11:30
Location: Mediterranean C

Leaders in mathematics education need to equip themselves with research-based ideas and techniques to support their teachers. This session will offer alternative methods and strategies to help teachers reach all students and includes a discussion of how small changes can result in large gains.

#133 Affiliates and the FCTM Website (General Interest)
Barbara Cavanah - Monroe County, Teacher, Barbara.Cavanah@KeysSchools.com
Time: Friday 10:30 - 11:30
Location: Caribbean A and B

Is your FCTM affiliate chapter interested in having an online presence? FCTM is offering space on their site to affiliate chapters, with public and/or members only access. Come and see how easy it is to create and maintain your own webpages!

#134 The Practicality of the Eight Mathematical Practices (General Interest)
Chris Worley - St Lucie County, Math Coach, christina.worley@stlucieschools.org
Tari Sexton, Math Coach; Victoria Pease, Math Coach; Kimberly Jay, Assistant Principal
Time: Friday 10:30 - 11:30
Location: Caribbean C

This is a presentation on Eight Mathematical Practices posed by the CCSS. The participants will have the opportunity to breakdown the mathematical practices; create their own understanding of each practice and view how the practices are utilized within daily instruction. Examples will be given of activities that display specific mathematical practices being applied. Participants from all grade levels are invited to attend as the practices apply to all that teach math.

#135 Connecting historical problems and Common Core State Standards: An instructional unit (Grades 3 – 5)
Kathleen Clark - Florida State University, Associate Professor, kclark@fsu.edu
Time: Friday 10:30 - 11:30
Location: Florida Bay 1

This session introduces elementary teachers to an instructional unit that uses the agricultural accounting content of two 4,000-year-old cuneiform tablets (held in Special Collections at FSU) to practice non-routine problem solving. Students apply multiplication, division, and concepts of area and unit conversion to solve problems created from the context of the two tablets. Teacher notes and historical background -- complete with a "human" connection to Florida -- accompanies the instructional unit.

#136 Children's Literature and Problem Solving (Grades K – 2)
Lori Price - St. Johns County Schools, teacher, pricel2@stjohns.k12.fl.us
Time: Friday 10:30 - 11:30
Location: Florida Bay 3

In this hands on workshop participants will solve problems based on favorite children's books. Teachers will engage in individual and group problem solving activities as well as explore using math journals. Participants will leave with ready to use activity ideas.

#137 A backbone and a toolbox….Want some? (General Interest)
Debbie Sandstrom - Astronaut High School, Teacher, debjsandstrom16@gmail.com
Time: Friday 10:30 - 11:30
Location: Biscayne Bay

Work Smarter, Not Harder! How to motivate students to behave, work, and enjoy learning. This is not the next 'widget' of the week. This is a proven, practical, system to improve classroom behavior and increase test scores. Time To Teach will provide you with strategies for dealing with student discipline problems in the classroom and school-wide. It can be tailored to fit your specific needs and style. You will learn how to design a positive learning environment, how to build positive rapport with students, design effective and engaging lessons, and learn how to successfully communicate and teach behavioral expectations to students.

#138 Building Math Vocabulary One Fold at a Time (General Interest)
Evalee Parker - Dinah Zike Academy, Certified Trainer, sara@dinah.com
Time: Friday 10:30 - 11:30
Location: Tampa Bay 1

To be a good math student one needs to be able to read mathematics, and more importantly, understand what he/she is reading. Learn by doing in this fast-paced, evidence-based Notebook Foldables® session aimed at immersing students in academic vocabulary essential for success in math. Get immersed in words in a new way and leave with your own mini-comp book constructed on site filled with immediately usable ideas for teaching academic vocabulary.

#139 Using Online EQUATIONS: The Game of Creative Mathematics to Increase Motivation and Mathematics Achievement and Understand Algebraic Structure (General Interest)
John Dalida - Kansas State University, Emeritus Professor, dalida@ksu.edu
Time: Friday 10:30 - 11:30
Location: Tampa Bay 2

Online EQUATIONS is a new, exciting and convenient version of a 50-year effort in Instructional Gaming Programs that have doubled math achievement, cut inner city absenteeism by 2/3 and significantly increased the ability to apply advanced math concepts. Come and explore an appropriate algebraic structure and experience hands-on how this game teaches creative problem solving and personalized instruction. Learn how to facilitate student tournaments both in-class and at home.

#140 Preparing Students for the Reading Demands of State Mathematics Tests (Research)

Nancy Cerezo - Saint Leo University, Associate Professor, nancy.cerezo@saintleo.edu
Sharyn Disabato, Ph.D.-Saint Leo University & Lin Carver, Ph.D.-Saint Leo University

Time: Friday 10:30 - 11:30
Location: Tampa Bay 3

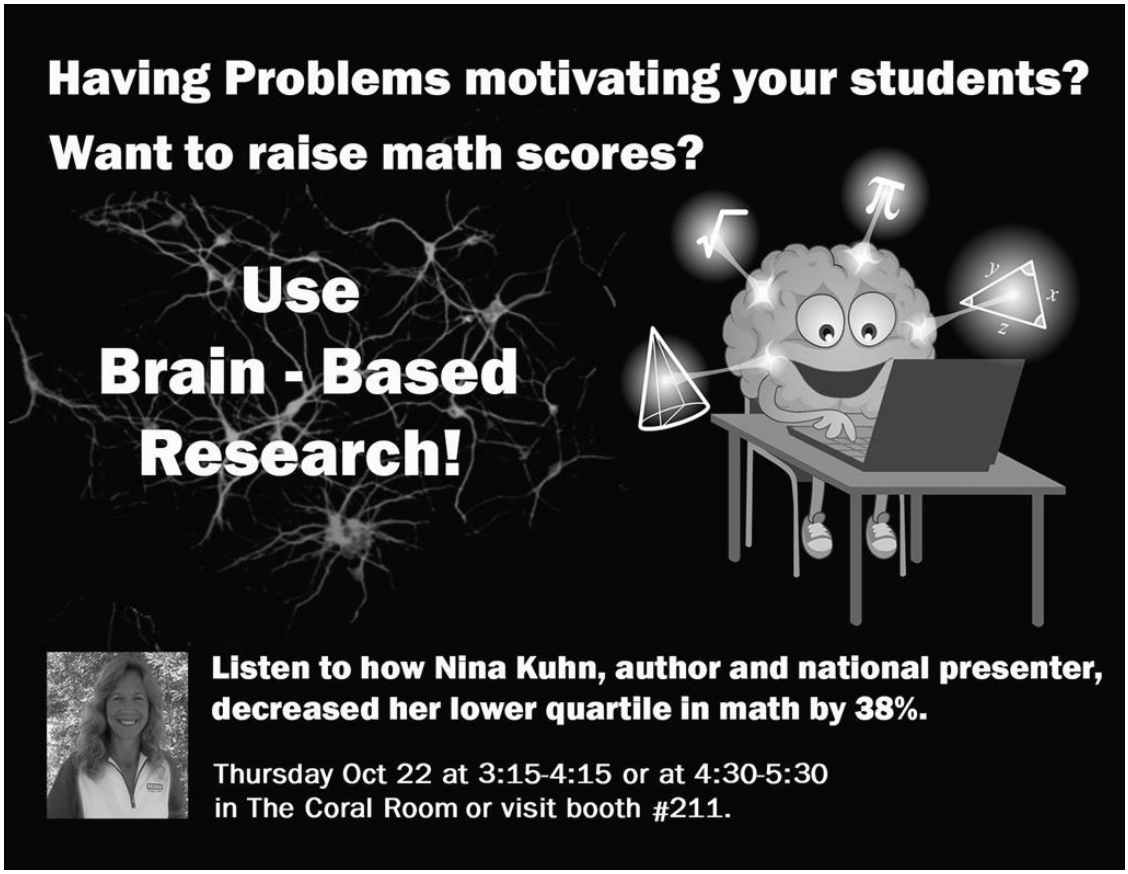
High stakes math tests involve far more than math skills. Many factors impact content area assessments beside content knowledge; the reading demand of the question is one of them. Our research analyzes the reading demands of problem solving items on standardized tests used in three different states' assessments. Teachers who understand the demands of mathematics tests can better prepare their students. Come and learn strategies you can use in the content area classroom to better support your students.

#141 Fraction Computation: Do we have the right stories? (Grades 3 – 5)

Mercedes Sotillo - University of Central Florida, Graduate Student, msotillo@ucf.edu
Tashana Howse, Graduate Student, University of Central Florida

Time: Friday 10:30 - 11:30
Location: Pensacola Bay

The standards for mathematical practice state that students must model with mathematics. A useful way to make sense of concepts is to have students develop contexts to support expressions. Participants will engage in an activity that focuses on writing story problems with contexts that support fraction operations. Common misconceptions will be discovered and cleared as participants work through the activity. Participants will leave with the knowledge of how to support student learning by developing their ability to write story problems



#142 Introducing CPALMS Lesson Study Support System (General Interest)
Lance King - Associate in Research, Lesson Study Coordinator, lking@lsi.fsu.edu
Rabieh Razzouk
Time: Friday 11:45 - 12:45
Location: Superior

This presentation will highlight the Lesson Study Support System, an online app that supports teachers engaged in lesson study, a teacher-led, practice-based form of professional development.

#143 CPALMS and iCPALMS (General Interest)
Rabieh Razzouk - FSU/CPALMS, Associate Director/Project Director, rrazzouk@lsi.fsu.edu
Robert Lengacher
Time: Friday 11:45 - 12:45
Location: Ontario

An overview presentation on the different programs and initiatives and a hands-on training on CPALMS and iCPALMS.

#144 Hands-on Math Centers that align with the Common Core. (Grades K – 5)
Rich Stuart - Learning Wrap-ups, Inc., Vice President, rich@learningwrapups.com
Time: Friday 11:45 - 12:45
Location: Okeechobee 1

Attendees will play with and keep Learning Palette product samples that provide reinforcement of curriculum that students are being taught.

#145 Something Old, Something New, Something Borrowed, Something Blue--Integrating Time-proven practices with modern technology to meet the CCSS (General Interest)
Joseph Irby - BestQuest Teaching Systems, President, joei@bestquest.com
Time: Friday 11:45 - 12:45
Location: Okeechobee 2

Bring your iPads and iPhones and interact with the presentation. We will be working on using current technology (interactive boards, iPads/iPhones, interactive slates, learning management systems, multi-media, etc.) to deliver instruction that uses technology to empower best teaching practices that include: real world connections, formative assessments, differentiated instruction, project based learning, and, models and manipulatives. Learn how to develop a complete digital curriculum built that meets the process and content standards of the CCSS and can work smoothly in a "real" classroom.

#146 A new twist to an old problem: The Box Problem (Secondary 6 – 12)
Marsha Guntharp - Palm Beach Atlantic University, Associate Professor of Mathematics
marsha_guntharp@pba.edu
Time: Friday 11:45 - 12:45
Location: Coral

Using a hands-on approach to a closed box problem, we will look at various aspects, including volume, surface area, finite differences, and parametric equations. This activity was developed by a middle-school honors algebra 2 teacher and a college algebra teacher and used in both classes.

#147 Teaching with Technology (Grades K – 2)
Amanda Loyden – University of South Florida, Doctoral Student, ALoyden@mail.usf.edu
Time: Friday 11:45 - 12:45
Location: Mediterranean A

Learn methods of teaching elementary mathematics, specifically probability and statistics, with technology, including the core math tools and virtual manipulatives. If you have a laptop, bring it and follow along as the technology is free to anyone!

#148 DICE GUYS (Middle Grades)
Brett Bryant - Carwise Middle – Pinellas, Teacher, bryantbr@pcsb.org
DJ Jent
Time: Friday 11:45 - 12:45
Location: Mediterranean B

Hands-on, interactive dice lessons on many topics covering numbers and operations, algebra, geometry and other concepts. We still have the same great activities with NEW updated activities. Teachers will receive a CD as resource for their lessons.

#149 What Leaders Need to Know to Help "At-Risk" Students Be Successful in Secondary Mathematics! Research-Based Teaching Strategies and Methods (General Interest)
Larry Bradsby - Jeffco Schools, CO, Consultant, LSBRADSBY@GMAIL.COM
Time: Friday 11:45 - 12:45
Location: Mediterranean C

Leaders in mathematics education need to equip themselves with research-based ideas and techniques to support their teachers. This session will offer alternative methods and strategies to help teachers reach all students and includes a discussion of how small changes can result in large gains.

#150 My Daily Math - Activity to Bridge Math (Secondary 6 - 12)
Ron Eaglin - Daytona State College, Associate Vice President, ron.eaglin@gmail.com
Time: Friday 11:45 - 12:45
Location: Caribbean A and B

My Daily Math is a simple tutoring system written by Dr. Ron Eaglin as a bridge activity for summer math. This tool is currently being used by home school teachers - but is a simple web tool that can be used by teachers. It is (and always will be) free.

#151 Snapshots of Student Thinking:
An Exploration of Video Cases for Extending Prospective Teachers' Knowledge (Research)
Vanessa Pitts Bannister - University of South Florida, Assistant Professor, Mathematics Education, pittsbannister@poly.usf.edu
Gina Mariano
Time: Friday 11:45 - 12:45
Location: Caribbean C

In the proposed brief report, we will discuss prospective teachers' explorations with video cases that aimed to accentuate interactions between their knowledge with respect to fractions, student conceptions and pedagogy. Moreover, we will discuss the extent to which prospective teachers utilized elements of TPACK.

#152 CPALMS Innovative Approaches Initiative: Integrating CCSS with Engineering-Based Model Eliciting Activities (High School)
Melissa Dyehouse - Florida State University, CPALMS Model Eliciting Activities Coordinator, mdyehouse@lsi.fsu.edu
Time: Friday 11:45 - 12:45
Location: Florida Bay 1

CPALMS' Innovative Approaches Initiative with Model Eliciting Activities (MEAs) aims to integrate multiple subjects including mathematics to provide an interdisciplinary learning experience. MEAs are open-ended problems for which teams of students produce a model rather than solve for a particular answer. MEAs can increase subject-area knowledge, improve modeling and problem-solving skills, and promote teamwork and communication. Participants will be introduced to MEAs through a 9-12 grade MEA called Turning Tires. Participants will also learn to access MEAs on CPALMS.

Education is not preparation for life; education is life itself.
John Dewey

#153 Mathematics PLCs: Building on Collaborative Team Tasks (Grades K – 5)
Thomasenia Adams - University of Florida, Mathematics Educator, tla@coe.ufl.edu
Time: Friday 11:45 - 12:45
Location: Florida Bay 2

Participants will have an opportunity to engage in discourse and modeling of collaborative team tasks that are useful for facilitating mathematics PLCs that are attentive to the CCSS Mathematical Practices.

#154 Children's Literature and Problem Solving (Grades K – 2)
Lori Price - St. Johns County Schools, teacher, pricel2@stjohns.k12.fl.us
Time: Friday 11:45 - 12:45
Location: Florida Bay 3

In this hands on workshop participants will solve problems based on favorite children's books. Teachers will engage in individual and group problem solving activities as well as explore using math journals. Participants will leave with ready to use activity ideas.

#155 A backbone and a toolbox….Want some? (General Interest)
Debbie Sandstrom - Astronaut High School, Teacher, debjsandstrom16@gmail.com
Time: Friday 11:45 - 12:45
Location: Biscayne Bay

Work Smarter, Not Harder! How to motivate students to behave, work, and enjoy learning. This is not the next 'widget' of the week. This is a proven, practical, system to improve classroom behavior and increase test scores. Time To Teach will provide you with strategies for dealing with student discipline problems in the classroom and school-wide. It can be tailored to fit your specific needs and style. You will learn how to design a positive learning environment, how to build positive rapport with students, design effective and engaging lessons, and learn how to successfully communicate and teach behavioral expectations to students.

#156 Let Geometry 'Envelope' Your Students via Foldable® Projects (Grades K – 5)
Evalee Parker - Dinah Zike Academy, Certified Trainer, sara@dinah.com
Time: Friday 11:45 - 12:45
Location: Tampa Bay 1

High energy, hands-on, and research-based describe this workshop. Cut, fold, and more as you transform manila envelopes and paper into projects aimed at teaching geometric thinking and reasoning to intermediate grades students. See how Foldables engage different learning modalities. Leave with your own model ready to use on Monday.

#157 Why U: A Conceptual Approach to Learning Mathematics (High School)
Cheryl Avila - University of Central Florida, Doctoral Student, cherie.avila@cfl.rr.com
Time: Friday 11:45 - 12:45
Location: Tampa Bay 2

This presentation will introduce teachers to Why U. A series of free, professionally-animated videos designed to supplement high school and college mathematics classes. Rather than presenting purely procedural techniques, the objective is to give insight into the mathematical concepts on which these procedures are based. The goal of Why U is to facilitate the formal education process through self-directed study. The videos can be downloaded for use in the classroom or accessed on the internet for home use.

#158 Make Math Fact Fluency a Reality Your Classroom (Grades K – 5)
Jason Kopish- ExploreLearning, South Florida Education Consultant,
jkopish@explorelearning.com
Time: Friday 11:45 - 12:45
Location: Tampa Bay 3

How are math facts mastered? Which methods promote automaticity across a broad range of students? What if we could solve the problem of math fact fluency in just 10 minutes a day? Come find out the answers to these questions. Learn how to optimize classroom instruction and practice through empirically-validated methods that are effective, efficient, and fun.

#159 When am I ever going to use this?: Proportional reasoning from the classroom to the job. (Middle Grades)
Deana Deichert - University of Central Florida, Doctoral Candidate,
ddeichert@knights.ucf.edu
Time: Friday 11:45 - 12:45
Location: Pensacola Bay

Students are forever asking: When am I ever going to use this? I have the answer. Proportional reasoning is a skill that is used in many occupations. This presentation will take you through the mathematical educational experiences of nurses working in the field. Through their eyes, you will see how middle school and high school instruction assisted them (or impeded them) in learning the mathematics they need for their job. Practical recommendations for the instruction of proportions will be discussed.

#160 FCAT 2.0 Mathematics updates (Grades 3 - 8)
Terri Sebring –Test Development Center, sebringt@leaonschools.net
Time: Friday 1:00 – 2:00
Location: Superior and Michigan

The DOE Test Development Center will provide information and reminders on the FCAT 2.0 Math assessments for grades 3 - 8. This presentation will be available on the TDC Sharepoint site approximately a week after the conference.
http://sharepoint.leon.k12.fl.us/tdc/external/default.aspx

#161 CPALMS and iCPALMS (General Interest)
Rabieh Razzouk - FSU/CPALMS, Associate Director/Project Director, rrazzouk@lsi.fsu.edu
Robert Lengacher
Time: Friday 1:00 – 2:00
Location: Ontario

An overview presentation on the different programs and initiatives and a hands-on training on CPALMS and iCPALMS.

#162 Unpacking the Common Core: Addition and Subtraction Word Problem Types and Children's Thinking (Grades K – 2)
Wendy Bray, University of Central Florida, Graduate Faculty Scholar, Wendy.Bray@ucf.edu
Time: Friday 1:00 – 2:00
Location: Okeechobee 1

This session will unpack how children think about addition and subtraction word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions. Ideas for how to use knowledge of children's thinking to address common student difficulties and differentiate instruction will be discussed.

#163 Students Success with Movement, Music and Math – K – 6th Grade (Grades K – 5)
Debby Mitchell - GeoMotion Group, Sales Representative,
d.altenburger@geomotiongroup.com
Time: Friday 1:00 – 2:00
Location: Okeechobee 2

Students Success with Movement, Music and Math features movement based academics that include music & movement to reinforce basic fact fluency in math. It will cover movement based activities and music as a classroom tool to enhance learning. Children love to move so use it to enhance academics!

#164 Constructions with multiple representations (High School)
Erhan Haciomeroglu - University of Central Florida, Assistant Professor, Erhan.Haciomeroglu@ucf.edu
Maria Capursi (UCF), Debra Barger (OCPS), Tashana Howse (DSC), Bhesh Mainali (UCF)
Time: Friday 1:00 – 2:00
Location: Coral

Historically, constructions have been created using only a compass and straightedge. This session will examine alternatives for construction of geometry figures using GeoGebra and patty paper. Using these alternatives can foster reasoning and sense making as well as implement the Standards for Mathematical Practice.

#165 How Vary Interesting: Connecting Common Core to Proportional Reasoning & Statistics (Grades K – 5)
Rich Busi - University of Florida, graduate student, rpbusi7@ufl.edu
Kristen Appleby, University of Florida
Time: Friday 1:00 – 2:00
Location: Mediterranean B

The goal of the presentation is to provide participants with an understanding of how proportional reasoning and statistics mesh with the Common Core State Standards. The take-away activity provides a worthwhile tool participants can utilize in their classroom to enhance students' understanding of proportional reasoning and statistical concepts using the GAISE framework while still addressing the expectations in the Common Core State Standards.

#166 Delivering CCSS "Numbers and Operations in Base 10" to the Special Needs Child in the Regular Classroom (Grades K – 5)
Shirley Bradsby - Jeffco Schools, CO, Consultant, shirleybradsby@yahoo.com
Time: Friday 1:00 -2:00
Location: Mediterranean C

Are you experiencing difficulty keeping your students with special needs in the regular classroom motivated? Using the Common Core State Standard "Numbers and Operations in Base 10", you will be actively involved with games and activities that develop concepts, then practice these concepts and apply them in problem solving ways.

#167 The Blitz: A math intervention that works! (Secondary 6 – 12)
Libby Chaskin - L&M Instructional Resources, President, libbyc@aol.com
Kathy Brown, Independent Consultant
Time: Friday 1:00 – 2:00
Location: Caribbean A and B

The presenters will describe and implement a mock Blitz that has been used successfully with students across the nation. The blitz is an intensive 1 day intervention that utilizes fun and prizes to motivate students to engage in the "Productive Struggle" that results in student success. Participants will have fun and walk away with some prizes too!

#168 Snapshots of Student Thinking:
An Exploration of Video Cases for Extending Prospective Teachers' Knowledge (Research)
Vanessa Pitts Bannister - University of South Florida, Assistant Professor, Mathematics Education, pittsbannister@poly.usf.edu
Gina Mariano
Time: Friday 1:00 – 2:00
Location: Caribbean C

In the proposed brief report, we will discuss prospective teachers' explorations with video cases that aimed to accentuate interactions between their knowledge with respect to fractions, student conceptions and pedagogy. Moreover, we will discuss the extent to which prospective teachers utilized elements of TPACK.

#169 How do engineering visualize big designs? How do architects create models of their buildings? (Middle Grades)
Maria Bina - Deltona Middle School, Math Teacher, mabina@volusia.k12.fl.us
Time: Friday 1:00 – 2:00
Location: Florida Bay 1

In this lesson we will be looking at how we use scaling to represent simplified versions of a dorm model. We are going to use CATIA (Computer Aided Three- dimensional Interactive Application) software to create a properly scaled model. CATIA will help students to scale down single parts and then assembly the parts. CATIA will help students to save time and will help them to understand how to read orthographic views and understand how scale drawing represent simplified version of a model.

#170 Common Core State Standards 101 for New Teachers of Mathematics (High School)
Thomasenia Adams - University of Florida, Mathematics Educator, tla@coe.ufl.edu
Time: Friday 1:00 – 2:00
Location: Florida Bay 2

In this session, the presenters will support new teacher s of mathematics for understanding the Common Core State Standards. The presenters will focus on the Content Standards as well as the Standards for Mathematical Practice. The particular emphasis for the session is on addressing the questions and inquiries of new teachers of mathematics as they work to establish a mathematics learning community that will support students' learning and achievement.

#171 Fantastic Fractions! (Grades 3 – 5)
Lori Price - St. Johns County Schools, teacher, pricel2@stjohns.k12.fl.us
Time: Friday 1:00 – 2:00
Location: Florida Bay 3

This interactive workshop will allow teachers to engage in activities that will lead to deeper understanding of fractions. Teachers will leave with activities that can be used in their classrooms immediately.

#172 All I Really Need to Know About Math, I Learned in Kindergarten: Teaching and Learning with the SMART Board™ (Grades K – 2)
Chris Ruda - FCTM; Teachers Teaching with Technology (T3) Organization, FCTM Region XI Director; T3 Instructor, cruda@juno.com
Time: Friday 1:00 – 2:00
Location: Biscayne Bay

Robert Fulghum understood the importance of building a strong foundation for learning. Discover how the SMART Board™, manipulatives, and literature help K-2 students construct meaningful concepts while making mathematics fun! Hands-on activities will integrate features of the SMART Board™, appropriate for all learners. Standards for Mathematical Practice and Content of the Common Core State Standards will be addressed throughout ready-to-use lessons.

Education is the key to unlock the golden door of freedom.
George Washington Carver

#173 AEGIS Research Experiences for Teachers (High School)
Susan Lee - Orange county public schools, math department head, Susan.Lee@ocps.net
Dawn Feeney OCPS; Becky Dowell Brevard county schools; Chinyen Chuo Seminole county schools; Irma G. Fiametta OCPS
Time: Friday 1:00 – 2:00
Location: Tampa Bay 1

AEGIS RET (Research Experiences for Teachers) is a program funded by the National Science Foundation. The intellectual focus of the AEGIS RET is in the field of Signal and Image Processing (SIP). The Workshop will feature teachers from high schools in Orange, Seminole and Brevard counties who will explain the research that they have conducted during the 2012 summer RET experience and will discuss the lesson plans that they have created for their high school students, based on this research.

#174 Why U: A Conceptual Approach to Learning Mathematics (High School)
Cheryl Avila - University of Central Florida, Doctoral Student, cherie.avila@cfl.rr.com
Time: Friday 1:00 – 2:00
Location: Tampa Bay 2

This presentation will introduce teachers to Why U. A series of free, professionally-animated videos designed to supplement high school and college mathematics classes. Rather than presenting purely procedural techniques, the objective is to give insight into the mathematical concepts on which these procedures are based. The goal of Why U is to facilitate the formal education process through self-directed study. The videos can be downloaded for use in the classroom or accessed on the internet for home use.

#175 Journey Through the Past...With Math! (Middle Grades)
Amber Grafft-Weiss - Florida Public Archaeology Network, Outreach Coordinator,
northeast@flpublicarchaeology.org
Rebecca O'Sullivan
Time: Friday 1:00 – 2:00
Location: Tampa Bay 3

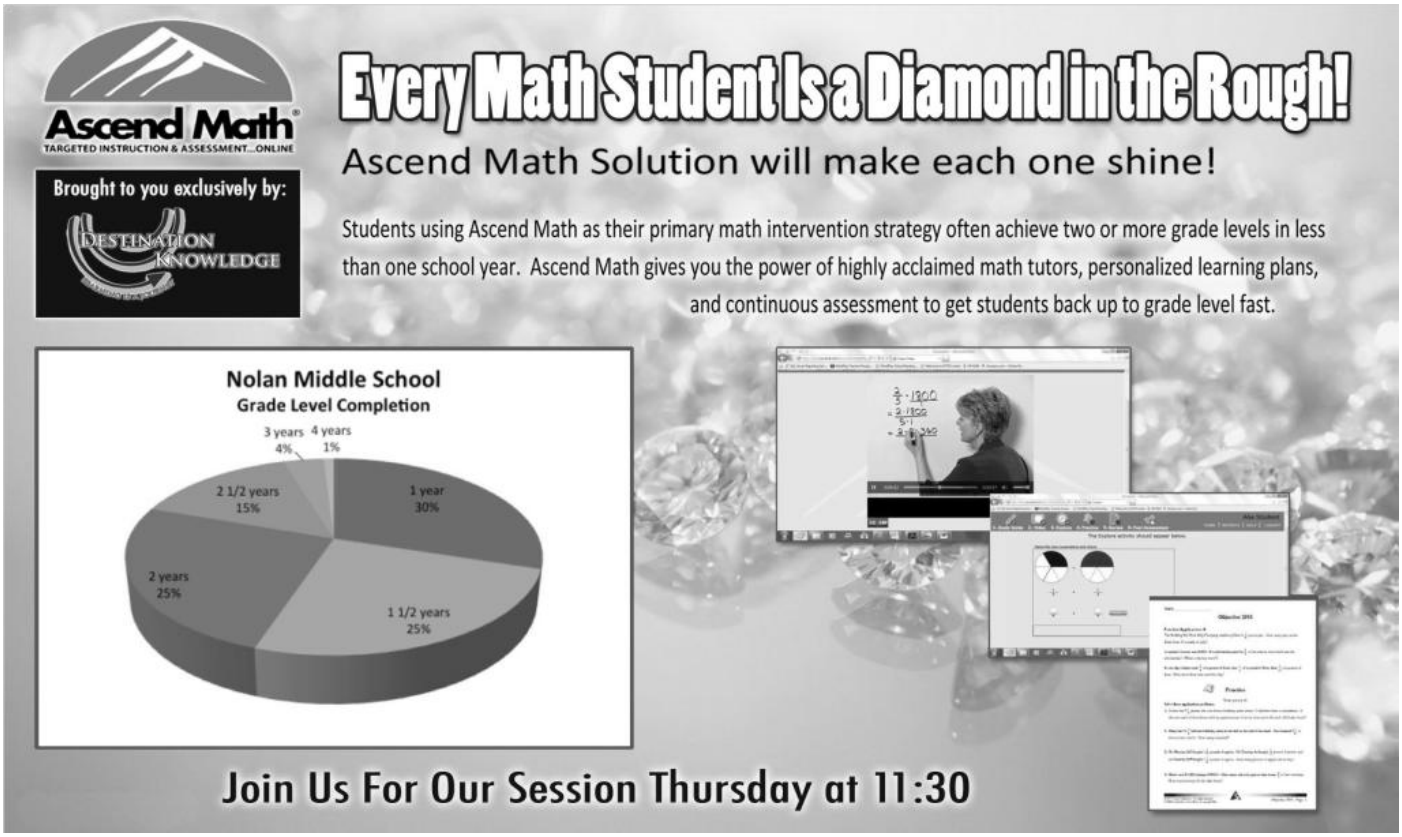
Florida Public Archaeology Network is dedicated to preserving the past through education and public outreach. Our hands-on activities will provide teachers with some fun and creative lesson plans that bring archaeology into the classroom to teach math.

#176 "Getting Inspired with Analyzing the Population of Florida and Shark Attacks in the Statistics Classroom" (Secondary 6 – 12)

Dr. William Hanna - School District of Indian River County, Math Teacher, Ph.D.,
william.hanna@indianriverschools.org

Time: Friday 1:00 – 2:00
Location: Pensacola Bay

This will answer the most recurring question by the students, "When will I ever use this in real life?"An interactive session unitizing hands on experience with Ti-Nspire CX and Wireless Navigator System. The activities presented in this session are part of the secondary program, and will allows teachers to present content on the Ti-Nspire handheld or software, with which students can explore and experience mathematics. We will demonstrate how Statistics works in real world by integrating various statistical methods.



#177 Algebra 1 EOC and Geometry EOC updates (Secondary 6 – 12)
Terri Sebring –Test Development Center, sebringt@leaonschools.net
Time: Friday 2:15 – 3:15
Location: Superior and Michigan

The DOE Test Development Center will provide information and reminders on the Algebra 1 and Geometry EOC assessments. This presentation will be available on the TDC Sharepoint site approximately a week after the conference.
http://sharepoint.leon.k12.fl.us/tdc/external/default.aspx

#178 iTeach Geometry (High School)
Ellen Reilly - Palm Beach, iTeach Geometry Grant Coordinator,
Ellen.Reilly@palmbeachschools.org
Meredith Blue and Terje Hoim
Time: Friday 2:15 – 3:15
Location: Okeechobee 1

Hands on activities related to EOC curriculum and NGSSS.

#179 Students Success with Movement, Music and Math – K – 6th Grade (Grades K – 5)
Debby Mitchell - GeoMotion Group, Sales Representative,
d.altenburger@geomotiongroup.com
Time: Friday 2:15 – 3:15
Location: Okeechobee 2

Students Success with Movement, Music and Math features movement based academics that include music & movement to reinforce basic fact fluency in math. It will cover movement based activities and music as a classroom tool to enhance learning. Children love to move so use it to enhance academics!

#180 Constructions with multiple representations (High School)
Erhan Haciomeroglu - University of Central Florida, Assistant Professor,
Erhan.Haciomeroglu@ucf.edu
Maria Capursi (UCF), Debra Barger (OCPS), Tashana Howse (DSC), Bhesh Mainali (UCF)
Time: Friday 2:15 – 3:15
Location: Coral

Historically, constructions have been created using only a compass and straightedge. This session will examine alternatives for construction of geometry figures using GeoGebra and patty paper. Using these alternatives can foster reasoning and sense making as well as implement the Standards for Mathematical Practice.

#181 Functions for the Common Core - Linear, Quadratic, and Exponential Modeling Activities using TI-Nspire CX. (Secondary 6 – 12)
John Nygren – PCTM, Retired Math Teacher, math_coach2@yahoo.com
Time: Friday 2:15 – 3:15
Location: Mediterranean B

"Tell me and I forget, teach me and I may remember, involve me and I learn." - Ben Franklin What is your goal as a teacher? Hands-on activities with graphing calculators will engage students and give them a better understanding of why we are studying the Common Core State Standards.

#182 Delivering CCSS "Numbers and Operations in Base 10" to the Special Needs Child in the Regular Classroom (Grades K – 5)
Shirley Bradsby - Jeffco Schools, CO, Consultant, shirleybradsby@yahoo.com
Time: Friday 2:15 - 3:15
Location: Mediterranean C

Are you experiencing difficulty keeping your students with special needs in the regular classroom motivated? Using the Common Core State Standard "Numbers and Operations in Base 10", you will be actively involved with games and activities that develop concepts, then practice these concepts and apply them in problem solving ways.

#183 The Blitz: A math intervention that works! (Secondary 6 – 12)
Libby Chaskin - L&M Instructional Resources, President, libbyc@aol.com
Kathy Brown, Independent Consultant
Time: Friday 2:15 – 3:15
Location: Caribbean A and B

The presenters will describe and implement a mock Blitz that has been used successfully with students across the nation. The blitz is an intensive 1 day intervention that utilizes fun and prizes to motivate students to engage in the "Productive Struggle" that results in student success. Participants will have fun and walk away with some prizes too!

SAVE THE DATE:

Florida Council of Teachers of Mathematics 2013
Orlando, Florida
October 17 – 19, 2013

#184 "If Flips Flops Were the Size of Your Front Door": Representations of Proportionality (Research)

Vanessa Pitts Bannister - University of South Florida, Assistant Professor, Mathematics Education, pittsbannister@poly.usf.edu
Ruth Sylvester
Time: Friday 2:15 – 3:15
Location: Caribbean C

In this session, we will discuss a lesson involving literature and mathematics. In "If Dogs Were Dinosaurs" by Schwartz and Warhola, the authors present conditional statement with related illustrations. Theillustrations and statements emphasize correspondence between ratios/proportions and text and visual images. Pre-service elementaryteachers were assigned to compose and illustrate a conditional statement following examples from the text. Findings indicate a variety of arrangements of images, inconsistent use of measurement, and incongruences between written and pictorial representations.

#185 Methods and Games to Enhance the Understanding of Basic Facts (Grades K – 2)

Kristen Appleby - University of Florida, graduate student, kappleby2@ufl.edu
Rich Busi, University of Florida
Time: Friday 10:30 - 11:30
Location: Florida Bay 2

Engage in discussion and activities to illustrate how basic mathematical facts can be learned with an emphasis on conceptual understanding that begins at an early age. Hands-on take away activities involving teaching grades K - 2 math facts will be provided.

#186 NAEP: The Gold Standard of Evaluation Across the United States. (General Interest)

Michele Sonnenfeld - Florida Departmetn of Education, Florida's NAEP State Coordinator, Michele.Sonnenfeld@fldoe.org
Time: Friday 2:15 – 3:15
Location: Florida Bay 2

The National Assessment of Educational Progress (NAEP) is the nation's only ongoing measure of what students know and can do in various subject areas. In this session we will review the history of NAEP, the legislation authorizing NAEP, NAEP Reading results since 2003, and the tools available to the public to access NAEP data and sample questions.

#187 Fantastic Fractions! (Grades 3 – 5)
Lori Price - St. Johns County Schools, teacher, pricel2@stjohns.k12.fl.us
Time: Friday 2:15 – 3:15
Location: Florida Bay 3

This interactive workshop will allow teachers to engage in activities that will lead to deeper understanding of fractions. Teachers will leave with activities that can be used in their classrooms immediately.

#188 All I Really Need to Know About Math, I Learned in Kindergarten: Teaching and Learning with the SMART Board™ (Grades K – 2)
Chris Ruda - FCTM; Teachers Teaching with Technology (T3) Organization, FCTM Region XI Director; T3 Instructor, cruda@juno.com
Time: Friday 2:15 – 3:15
Location: Biscayne Bay

Robert Fulghum understood the importance of building a strong foundation for learning. Discover how the SMART Board™, manipulatives, and literature help K-2 students construct meaningful concepts while making mathematics fun! Hands-on activities will integrate features of the SMART Board™, appropriate for all learners. Standards for Mathematical Practice and Content of the Common Core State Standards will be addressed throughout ready-to-use lessons.

#189 Tier-rific Math Solutions from Renaissance Learning (Secondary 6 – 12)
Don Bascle - Renaissance Learning, District Account Executive, Don.Bascle@renlearn.com
Jim Ziarno, Melbourne Central Catholic HS
Time: Friday 2:15 – 3:15
Location: Tampa Bay 1

Join us as we build a matrix of research-based math solutions for Tiers I-III and explore math intervention scenarios using Accelerated Math, MathFacts in a Flash, and STAR Math. Special attention will be given to Florida's Response to Intervention framework.
From Renaissance Learning, the creator of Accelerated Reader, comes our flexible, easy-to-use math programs that combine software, classroom-proven teaching practices, and ongoing support to help teachers personalize instruction and manage the extensive practice students need to develop their math skills.

Don't forget to pick up your tickets in the Exhibits hall for the basket drawings. The drawing will take place during the closing ceremony!

#190 Explicating Instructor Expectations of Calculus Students' Prior Knowledge of Functions (Research)

Cheryl Avila, University of Central Florida, Doctoral Student, CHERIE.AVILA@CFL.RR.COM

Time: Friday 2:15 – 3:15
Location: Tampa Bay 2

Calculus is the first mandatory postsecondary course for students wishing to pursue careers in STEM and is offered at most high schools and colleges. Surveys have shown repeatedly that high school and postsecondary instructors tend to have different views about the importance of particular knowledge and skills as prerequisites for success for continued study in college-level mathematics (ACT 2006, 2009). This session will focus specifically on functions and teachers' expectations of students' prior knowledge at the various educational institutions.

#191 Classroom Strategies that can lead to 100% EOC Pass Rate (High School)

Kristina Winters – Charlotte, High School Teacher, kwinters@edison.edu

Time: Friday 2:15 – 3:15
Location: Tampa Bay 3

Over the past few years I have been learning and implementing new and different teaching strategies in my classroom. I have observed other teachers' classrooms and I have attended the last two FCTM conferences, taking many exciting ideas back to my school. This past year I taught Algebra 1 and Geometry: all 120 of my students passed the EOC. Please join me so that I can share these strategies with you.

#192 Foolproof Foldables®: templates for 'Understanding Slopes' & 'Which Line Equation Do I Use?' (High School)

Ninamarie Sapuppo - Florida State University Schools, Secondary Math Instructor, nsapuppo@admin.fsu.edu

Time: Friday 2:15 – 3:15
Location: Pensacola Bay

In this session, you will use fill-in templates to create 2 different Foldables®. Topics include slopes of lines and using different forms of equations to represent lines. These templates are designed to highlight the important facts while reducing common misconceptions. Using a template supports the needs of all students. No more inaccurate or illegible Foldables®; with these templates, your students will create a study tool they won't throw away! Many thanks to Dinah Zike for her original Foldables® idea.

#193 Focus on the Core (General Interest)
Dr. Karol Yeatts- FLDOE, Director-Office of Mathematics and Science, karol.yeatts@fldoe.org
Jim Yeatts
Time: Friday 3:30 – 4:30
Location: Superior and Michigan

Common Core State Standards implementation calls for significantly lifting learning expectations, with a focus on deep understanding of content, high levels of thinking and the application of learning. The structure of the Common Core Standards for Mathematical Practices and their implications for teaching will be explored, as well as their connection to all the standards. The session will also focus on what instruction looks like when the Common Core State Standards for Mathematical Practices are put into action through model lessons.

#194 Slope of a Line: Teaching for Understanding (Secondary 6 – 12)
Jim Devine - Devine Training and Consulting, Consultant, Consultant, devinetc3@aol.com
Time: Friday 3:30 – 4:30
Location: Mediterranean A

Participants will use Conclusion-Support and Problem Solution Notes to help process the key concepts for understanding the Slope of a Line. Participants will use a Perspective Debate as a culminating activity to solidify the role of each part of the equation y = mx +b.

#195 Differentiated Instruction in today's Classrooms (Secondary 6 – 12)
Reggie Revere - Carnegie Learning, Regional Account Manager,
rrevere@carnegielearning.com
Time: Friday 3:30 – 4:30
Location: Mediterranean B

Carnegie's pedagogy on classroom instruction while incorporating common core standards in classroom lessons.

#196 Math & Movement: Using Movement to Enhance Math Ability, Increase Physical Fitness and Meet the CCSS (Grades K – 5)
Suzy Koontz – Math and Movement, Founder, **suzy@suzykoontz.com**
Time: Friday 3:30 – 4:30
Location: Mediterranean C

Math & Movement is a kinesthetic, multi-sensory approach to teaching math that incorporates physical exercise, stretching, cross-body movements, and yoga. The program uses visually pleasing floor mats that allow children to practice basic skills while using visual, auditory, and kinesthetic learning modalities. The series of "math-movements" are uniquely designed to build number sense by including moving and counting with varied voice levels. The math-movements improve students' basic math and reading skills, critical thinking and the ability to focus and learn.

#197 Supervision of Mathematics Student Teachers with Common Core State Standards in Mathematics in Mind (Secondary 6 – 12)

Maria Fernandez - Florida International University, Associate Dept. Chair and Professor, mfernan@fiu.edu

Time: Friday 3:30 – 4:30
Location: Caribbean A and B

Different approaches to student teaching supervision will be presented and student teaching post-lesson conferences among dyads and triads of secondary student teachers, mentor/cooperating teachers, and university mentors will be analyzed. Participants will discuss best ways of supervising student teachers to help them develop their ability to reflect on their teaching in relation to Common Core State Standards in Mathematics.

#198 "If Flips Flops Were the Size of Your Front Door": Representations of Proportionality (Research)

Vanessa Pitts Bannister - University of South Florida, Assistant Professor, Mathematics Education, pittsbannister@poly.usf.edu
Ruth Sylvester

Time: Friday 3:30 – 4:30
Location: Caribbean C

In this session, we will discuss a lesson involving literature and mathematics. In "If Dogs Were Dinosaurs" by Schwartz and Warhola, the authors present conditional statement with related illustrations. Theillustrations and statements emphasize correspondence between ratios/proportions and text and visual images. Pre-service elementary teachers were assigned to compose and illustrate a conditional statement following examples from the text. Findings indicate a variety of arrangements of images, inconsistent use of measurement, and incongruences between written and pictorial representations.

#199 Proofs in geometry textbooks: Task features and levels of cognitive demand. (Secondary 6 – 12)

Ruthmae Sears - University of South Florida, Assistant Professor in Mathematics Education, ruthmaesears@usf.edu

Time: Friday 3:30 – 4:30
Location: Florida Bay 1

This presentation will highlight that geometry textbooks vary in the attention given to proofs relative to frequency, levels of cognitive demand and proof representations used. To structure the presentation, participants will engage in classifying proofs using levels of demands. Subsequently, a comparison will be made of task features and levels of cognitive demand pertinent to proofs in two textbooks.

#200 Using the National Assessment of Educational Progress (NAEP) to Understand the Past and Identify the Challenges of the Future (General Interest)
Michele Sonnenfeld - FL Dept of Ed, NAEP State Coordinator, Michele.Sonnenfeld@fldoe.org
Time: Friday 3:30 – 4:30
Location: Florida Bay 2

The presenter will outline the history and purpose of NAEP and provide information about Florida's performance on NAEP Mathematics since 2003. Also, Florida's overall performance as well as the performance gaps between White and African-American and White and Hispanic students will be explored and compared to the nations.
There are two tools provided by the National Center for Education Statistics – the NAEP Data Explorer (NDE) and the NAEP Questions Tool (NQT). The presenter will demonstrate how to access and use both of these tools.

#201 Standards + Games = Math Fun (Middle Grades)
Denise Johnson - Odyssey Middle School, CRT/Testing Coordinator, denise.johnson@ocps.net
Time: Friday 3:30 – 4:30
Location: Florida Bay 3

Do you sometimes feel like your students are 'just not getting it?' We know that games help the brain to make connections. Come and learn how you can incorporate meaningful games in the math classroom to help students develop critical thinking skills.

#202 In search of ET: Blending reading and math thought processes to achieve Efficient Teaching (Grades K – 5)
Marty Hopkins – UCF, Professor, marty.hookins@ucf.edu
Karri Williams, UCF
Time: Friday 3:30 – 4:30
Location: Biscayne Bay

Using similar processes to unlock text and to solve mathematical problems results in more efficient teaching and more effective student learning. Come find out what these processes are and how to use them in your elementary classroom.

#203 Tier-rific Math Solutions from Renaissance Learning (Secondary 6 – 12)
Don Bascle - Renaissance Learning, District Account Executive, Don.Bascle@renlearn.com
Jim Ziarno, Melbourne Central Catholic HS
Time: Friday 3:30 – 4:30
Location: Tampa Bay 1

Join us as we build a matrix of research-based math solutions for Tiers I-III and explore math intervention scenarios using Accelerated Math, MathFacts in a Flash, and STAR Math. Special attention will be given to Florida's Response to Intervention framework.
From Renaissance Learning, the creator of Accelerated Reader, comes our flexible, easy-to-use math programs that combine software, classroom-proven teaching practices, and ongoing support to help teachers personalize instruction and manage the extensive practice students need to develop their math skills.

#204 Explicating Instructor Expectations of Calculus Students' Prior Knowledge of Functions (Research)
Cheryl Avila, University of Central Florida, Doctoral Student, CHERIE.AVILA@CFL.RR.COM
Time: Friday 3:30 – 4:30
Location: Tampa Bay 2

Calculus is the first mandatory postsecondary course for students wishing to pursue careers in STEM and is offered at most high schools and colleges. Surveys have shown repeatedly that high school and postsecondary instructors tend to have different views about the importance of particular knowledge and skills as prerequisites for success for continued study in college-level mathematics (ACT 2006, 2009). This session will focus specifically on functions and teachers' expectations of students' prior knowledge at the various educational institutions.

#205 Accountable Talk K-5 (Grades 3 – 5)
Laura Burrell - DCPS- Holiday Hill Elementary, Math Coach, burrelll1@duvalschools.org
Time: Friday 3:30 – 4:30
Location: Tampa Bay 3

Help math educators learn how to utilize Accountable Talk in the classroom and engage students in productive dialogue versus simple question response conversations. This take home rubric can be utilized across curricular areas.

Friday 3:30 –4:30

#206 THINK? WRITE. MATH!
An Exploration through Mathematical Journaling (Grades K – 5)
Virginia Mihajlovski - White City Elementary, Math coach,
virginia.mihajlovski@stlucieschools.org
Heather Ricksecker- educator, Brie Lamb- math coach
Time: Friday 3:30 – 4:30
Location: Pensacola Bay

Using 3 types of math journals in the K-5 classroom, this workshop will model real-world applications, linking math and writing. These include reference, reflection and center journals. This research-based strategy supports CCSS cross-curricular.

FLASHBACK FUN!!

Time:
5:30 – 10 pm

Location:
Okeechobee Patio

Come join us for food, beverages and Karaoke!

Juli Dixon

Featured Speaker

Juli Dixon, PhD, is a professor of mathematics education at the University of Central Florida (UCF). She coordinates the award winning Lockheed Martin/UCF Academy Master of Education in K–8 Mathematics and Science and the PhD in mathematics education. Dr. Dixon is focused on improving teachers' mathematics knowledge for teaching so that they can communicate and justify mathematical ideas and also expect their students to explain their mathematical thinking.
Prior to joining the faculty at UCF, Dr. Dixon was a secondary mathematics educator at the University of Nevada, Las Vegas, and a public school mathematics teacher in urban school settings at the elementary, middle, and secondary levels.

She is an active researcher with over 9 million dollars in external funding and a prolific writer who has published books, textbooks, book chapters, and articles. She served as chair of the National Council of Teachers of Mathematics Student Explorations in Mathematics Editorial Panel and as a member of the Association of Mathematics Teacher Educators, Nevada Mathematics Council, and Florida Association of Mathematics Teacher Educators Boards of Directors.

Dr. Dixon received a bachelor's degree in mathematics and education from SUNY Potsdam, a master's degree in mathematics education from Syracuse University, and a doctorate in curriculum and instruction (with an emphasis in mathematics education) from the University of Florida.

Dr. Juli Dixon's presentation is graciously sponsored by Houghton Mifflin Harcourt

HOUGHTON
MIFFLIN
HARCOURT
School Publishers

#207 Transforming Teaching through the Standards for Mathematical Practice (Grades K – 5)

Juli Dixon – University of Central Florida, Professor of Mathematics Education, Juli.Dixon@ucf.edu

Time: Saturday 8:00 – 9:00
Location: Superior and Michigan

The idea of teaching for depth is widely supported and evident in the intent of the CCSS. However, what it means to teach for depth is somewhat elusive. How can we chart our course to teaching for depth through examples that contrast common practices and practices that cultivate deep conceptual understanding? This session describes how teaching for depth is supported through the use of the Standards for Mathematical Practice at the elementary level.

#208 Unpacking and Mapping the Common Core State Standards using CPALMS Tools (General Interest)

Robert Lengacher - FCR-STEM, CPALMS K-8 Mathematics Coordinator, rlengacher@lsi.fsu.edu
Dr. Adam Santone (FCR-STEM), Michael Green (FCR-STEM)

Time: Saturday 8:00 – 9:00
Location: Ontario

Are you hungry for tools to help you dig into the Common Core standards for professional development and instructional planning? Discover how CPALMS tools can help you unpack the Common Core math standards and uncover progressions in the standards using the CPALMS Unpacking Tool and the CPALMS Progression Mapping Tool. You may also get the opportunity to view preliminary unpacked standards and progression maps produced using the CPALMS tools during the summer of 2012.

#209 Integrating History of Mathematics Into the High School & Middle School Classroom (Secondary 6 – 12)

Anthony Piccolino - Palm Beach State College, Professor III, apiccolino@bellsouth.net

Time: Saturday 8:00 – 9:00
Location: Okeechobee 1

This session will engage participants in a series of activities which demonstrate the integration of historical topics into the teaching of mathematics in grades 6-12.

210 Developing High-Quality, Standards-Based Assessments for Your Mathematics Classroom through the Florida Item Bank and Test Platform (General)

June Campbell- Office of Race To The Top, DOE, june.campbell@fldoe.org

Time: Saturday 8:00 – 9:00
Location: Okeechobee 2

This session will provide educators with information on Florida's statewide Item Bank and Test Platform. Participants will explore the features of the Item Bank and Test Platform and its potential as a resource for developing high-quality, standards-based assessments for classroom use by mathematics teachers.

#211 Math is Not a Four Letter Word (Middle Grades)
Richard Blum, pensions@mindspring.com
Time: Saturday 8:00 – 9:00
Location: Florida Bay 1

Richard Blum has been teaching Vedic Mathematics both nationally and internationally for the last 15 years. These easy to learn mental techniques allow students to do math faster than they ever thought possible. Teachers will not only see their students ability in math skyrocket, but, their students self-confidence and self-esteem as well. For students who already enjoy math, they will like this. For students who are not good in math, they love it.

#212 Space Math: The Final Frontier (integrating career and technical education with core curriculum) (Secondary – 12)
Susan Archer – Duval Schools, teacher, archers@duvalschools.org
Time: Saturday 8:00 – 9:00
Location: Florida Bay 2

Hands-on activities that integrate aerospace technology, geography, art, science, language arts, and mathematics. Learn how to get students hooked on math through coordinated projects and activities with materials kids can afford. Make and take a fun lessons you can use right now!

#213 Games That Support Students' Development of Reasoning and Proof (General Interest)
Enrique Ortiz - University of Central Florida, Associate Professor, Enrique.Ortiz@ucf.edu
Time: Saturday 8:00 – 9:00
Location: Florida Bay 3

We will play and discuss several games that support the implementation of the standards for mathematical practices advocated by NCTM and CCSS. The games help students construct viable arguments and critique the reasoning of others, and could be adapted for different grade levels. The main goal is to encourage students to make educated guesses and justify (proof) their reasoning (based on data patterns, and relationships based on the rules of the games, which mathematicians call conjectures and scientists call hypothesis).

Congratulations to the Florida Council of Teachers of Mathematics Celebrating 60 years of dedicated service to mathematics education in the state of Florida

#214 Aerial Photo Challenge: Using math to take aerial photos of our school campus with an iPod and a balloon. (Middle Grades)

Chris Fennell - Oasis Middle School, Middle Level Math Teacher,
christopher.fennell@capecharterschools.org
John Omundsen (Middle Level Math Teacher)
Time: Saturday 8:00 – 9:00
Location: Tampa Bay 1

With the goal of photographing the school campus the 6th grade math students were challenged to do it from above. Students designed and built capsules that housed iPods connected to a helium balloon. Students measured and calculated the appropriate asension height through the use of trigonometry and the pythagorean theorem. They also made predictions and determined the relationship between surface area of specific shapes and their perimeters with the development of parachutes as safety features.

#215 Powerful Classroom Assessments : How to Use Concept Mapping for Integrated Assessment of Common Core Mathematical Practices and Content Standards (General Interest)

Sarah van Ingen - University of South Florida, Graduate Student, vaningen@mail.usf.edu
Time: Saturday 8:00 – 9:00
Location: Tampa Bay 2

This presentation will go over the nuts and bolts of how mathematics teachers can use concept mapping to assess for growth in student learning of both Common Core content standards and mathematical practices. A "How to Guide" will be distributed so that teachers can use this powerful assessment tool in ways that increase the validity and reliability of scores. Concept mapping provides substantial feedback on student learning and provides documentation that supports data-driven instruction of content standards and mathematical practices.

#216 CCMP Bingo-Implementing Common Core Math Practices Using Technology (Secondary 6 – 12)

Margaret Bambrick – VCTM, Instructional Support, ndbambrick@att.net
Time: Saturday 8:00 – 9:00
Location: Tampa Bay 3

This will be a hands-on session where participants will be asked to explore a math problem as they think their students might explore it with their peers. Groups will share their solution methods and we will reflect on the Common Core Mathematical Practices (CCMP) used within the groups. The TI-Nspire™ Navigator will be used as a tool to model teacher actions to enhance the implementation of the CCMP in the classroom.

#2167 A Way Around - "I did it in my head" (Grades K – 5)
Sandra Sampayo – OCPS, Math Coach, sandra.sampayo@ocps.net
Time: Saturday 8:00 – 9:00
Location: Pensacola Bay

As part of the Common Core State Standards for Mathematical Practice, students are expected to think critically and express that thinking in many ways.But how do you get them to talk about math beyond "I did it in my head"? In this session you will learn ways to get over the "silence hump" and get students engaged in robust discussions about mathematics!!

#217 Transforming Teaching through the Standards for Mathematical Practice (Secondary 6 - 12)
Juli Dixon – University of Central Florida, Professor of Mathematics Education, Juli.Dixon@ucf.edu
Time: Saturday 9:15 – 10:15
Location: Superior and Michigan

The idea of teaching for depth is widely supported and evident in the intent of the CCSS. However, what it means to teach for depth is somewhat elusive. How can we chart our course to teaching for depth through examples that contrast common practices and practices that cultivate deep conceptual understanding? This session describes how teaching for depth is supported through the use of the Standards for Mathematical Practice at the secondary level.

#218 Unpacking and Mapping the Common Core State Standards using CPALMS Tools (General Interest)
Robert Lengacher - FCR-STEM, CPALMS K-8 Mathematics Coordinator, rlengacher@lsi.fsu.edu
Dr. Adam Santone (FCR-STEM), Michael Green (FCR-STEM)
Time: Saturday 9:15 – 10:15
Location: Ontario

Are you hungry for tools to help you dig into the Common Core standards for professional development and instructional planning? Discover how CPALMS tools can help you unpack the Common Core math standards and uncover progressions in the standards using the CPALMS Unpacking Tool and the CPALMS Progression Mapping Tool. You may also get the opportunity to view preliminary unpacked standards and progression maps produced using the CPALMS tools during the summer of 2012.

#219 Navigating Through Reasoning and Proof in Grades 9-12 (High School)
Anthony Piccolino - Palm Beach State College, Professor III, apiccolino@bellsouth.net
Time: Saturday 9:15 – 10:15
Location: Okeechobee 1

The presenter, a co-author of the NCTM Navigation resource book Navigating Through Reasoning and Proof in Grades 9-12, will engage participants in a selection of activities encompassing algebra, geometry, data analysis, and probability

220 Developing High-Quality, Standards-Based Assessments for Your Mathematics Classroom through the Florida Item Bank and Test Platform (General)
June Campbell- Office of Race To The Top, DOE, june.campbell@fldoe.org
Time: Saturday 8:00 – 9:00
Location: Okeechobee 2

This session will provide educators with information on Florida's statewide Item Bank and Test Platform. Participants will explore the features of the Item Bank and Test Platform and its potential as a resource for developing high-quality, standards-based assessments for classroom use by mathematics teachers.

#221 Math is Not a Four Letter Word (Middle Grades)
Richard Blum, pensions@mindspring.com
Time: Saturday 9:15 – 10:15
Location: Florida Bay 1

Richard Blum has been teaching Vedic Mathematics both nationally and internationally for the last 15 years. These easy to learn mental techniques allow students to do math faster than they ever thought possible. Teachers will not only see their students ability in math skyrocket, but, their students self-confidence and self-esteem as well. For students who already enjoy math, they will like this. For students who are not good in math, they love it.

#222 Aviation and Aerospace: Get Kids Hooked on Math and Science (Secondary 6 – 12)
Susan Archer – Duval Schools, teacher, archers@duvalschools.org
Natalie Donald, DCPS; Tracie Carollo, DCPS
Time: Saturday 9:15 – 10:15
Location: Florida Bay 2

Learn ways to answer that age-old question, "When am I ever going to use (or need to know) this stuff?" Hands-on and application lessons that show students how understanding math and science can lead to exciting careers.

#223 Share the Activities (General Interest)
Rick Austin - University of South Florida, Professor Emeritas, austin@usf.edu
Time: Saturday 9:15 – 10:15
Location: Florida Bay 3

The series of "math-movements" are uniquely designed to build number sense by including moving and counting with varied voice levels. The math-movements improve students' basic math and reading skills, critical thinking and the ability to focus and learn.

#224 Algebra Connections: Model, Record, Reflect on a budget (Secondary 6 – 12)
Cassandra Etgeton - University of North Florida, Assistant Professor, Mathematics Education, cetgeton@unf.edu
Time: Saturday 9:15 – 10:15
Location: Biscayne Bay

With all students being required to learn algebra at ever-higher levels, it is important that teachers utilize ways to reach students with different learning preferences. Participants will learn a model for teaching with manipulatives and use teacher-made manipulatives to make connections between the concrete and the abstract for a variety of algebra concepts and processes. Making algebra make sense for kinesthetic and visual learners is the focus. A CD of templates will be provided for each participant.

#225 Take the Problem out of Problem Solving Through the Standards of Mathematical Practice and Bar Diagrams! (General Interest)
Cathie Dillender – Pearson, Director Mathematics/National Math Consultant, K-12, cathie.dillender@pearson.com
Time: Saturday 9:15 – 10:15
Location: Tampa Bay 1

Participants will be given a Mathematical Practices Tool Kit containing materials to enhance the implementation of the Standards of Mathematical Practice during daily problem solving. In addition, the use of Bar Diagram tools will be demonstrated to show how they can be used to help students develop visual literacy and, therefore, success for all students on the new PARCC assessment

#226 Using GeoGebra to Connect Geometry, Measurement, and Algebra for Elementary Learners (Grades K – 5)
Joseph Furner - Florida Atlantic University, Jupiter, FL, Assoc. Prof. of Math Ed., jfurner@fau.edu
Dr. Carol Marinas, Barry University, Miami, drmarinas@yahoo.com
Time: Saturday 9:15 – 10:15
Location: Tampa Bay 2

Through the mathematical and pedagogical power of GeoGebra, the participants will see how this user-friendly software can be used to make meaningful connections for K-6 students. After creating geometric figures by using the GeoGebra software tools, distance and angles measurements will be calculated to explore various relationships and conjectures. The algebra tools in GeoGebra will help students to create their own formulas or functions based on the observed measurements in an abstract algebraic way.

#227 Structure & Strategy: How to make student achievement soar by working smarter…not harder! (Grades K – 5)
Scott Simpson - School District of Indian River County, Teacher, simpsoneducation@gmail.com
Time: Saturday 9:15 – 10:15
Location: Tampa Bay 3

Why do we revert to whole-group instruction in mathematics despite all the trends in research? The answer lies in two words: structure and strategy. Come learn how to set up an elementary classroom environment with a specific structure and strategy that will help you differentiate instruction, spiral the curriculum, develop real data-driven instruction, and increase student achievement!

Saturday 9:15 – 10:15

#228Addressing the Needs of all Students with Accelerated Math (General Interest)
Faith Salvato - Osceola County Schools, Math/ Science Coach, salvatof@osceola.k12.fl.us
Time: Saturday 9:15 – 10:15
Location: Pensacola Bay

One of the most difficult tasks a teacher faces is differentiating their mathematics instruction. Through the use of the Accelerated Math program teachers will have a roadmap for differentiating their instruction with a laser sharp focus. Learn how Accelerated Math can fit into your daily mathematics instruction while providing learning paths for the Common Core and Next Generation Sunshine State Standards.

SAVE THE DATE:

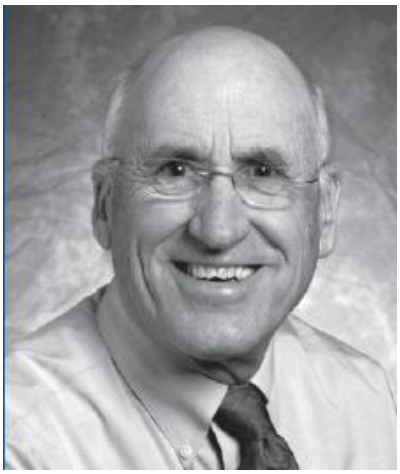
Florida Council of Teachers of Mathematics 2013
Orlando, Florida
October 17 – 19, 2013

DOUBLETREE
BY HILTON

FLORIDA COUNCIL OF
FCTM
TEACHERS OF MATHEMATICS

2012 Closing Session Time: 10:30 am – 12:15 pm

Dr. Francis "Skip" Fennell – Keynote Speaker



Location: Ontario Room

Francis (Skip) Fennell, PhD, is the L. Stanley Bowlsbey professor of education and Graduate and Professional Studies at McDaniel College in Maryland, where he directs the Brookhill Foundation supported Elementary Mathematics Specialists and Teacher Leaders Project (ems&tl). A mathematics educator who has experience as a classroom teacher, principal, and supervisor of instruction, he is a past president of the Association of Mathematics Teacher Educators (AMTE) and the National Council of Teachers of Mathematics (NCTM).

Widely published in professional journals and textbooks related to elementary and middle-grade mathematics education, Dr. Fennell has also authored chapters in yearbooks and resource books. In addition, he has played key leadership roles for the Research Council on Mathematics Learning, Mathematical Sciences Education Board, National Science Foundation, Maryland Mathematics Commission, and the U.S. National Commission on Mathematics Instruction. Dr. Fennell served as a writer for the Principles and Standards for School Mathematics (NCTM, 2000), the Curriculum Focal Points (NCTM, 2006) and for the Common Core State Standards (CCSSO, 2010). He also served on the National Mathematics Advisory Panel, chairing the Conceptual Knowledge and Skills Task Group.

He has received numerous honors and awards, including Maryland's Outstanding Mathematics Educator, McDaniel College's Professor of the Year, the Glenn Gilbert National Leadership Award from the National Council of Supervisors of Mathematics, the Council for Advancement and Support of Education's Carnegie Foundation Professor of the Year, the Association of Mathematics Teacher Educators' Distinguished Outstanding Teacher Educator, and the Lifetime Achievement Award from the National Council of Teachers of Mathematics.
He was an author of *Scott Foresman-Addison Wesley Mathematics* and was also a member of the *Silver Burdett Ginn Mathematics* author team. He is an author for *Scott Foresman-Addison Wesley enVisionMATH, enVisionMATH Common Core,* and ***digits***.

Dr. Francis "Skip" Fennell's presentation is graciously sponsored by Pearson

PEARSON

Join our Exhibitors in the Ocean's Ballroom!

Exhibitor Directory 2012

Acaletics Math
305-362-8887
acaletics@aol.com
Elizabeth Slaski
Kim Kieffer/Mike Bell

AIMS
559-255-4094 ext 8102
bafields@aimsedu.org
Carmella Crawford
Bethann Fields

Aleks Corperation
714-245-7191 ext 180
events@aleks.com
Patty Kent/Sam Hussey
Amanda Flanigan

Beacon Educator
800-311-6437
beam@beaconeducator.com
Cathy Starling

BestQuest Teaching Systems
866-882-2665
Joannw@bestquest.com
Joe Irby/Jo Ann White

Big Ideas Learning, LLC
877-552-7766
kcummings@larsontexts.com
Denise McDowell
Nancy Thiele/ Kathy Cumminngs
Lisa Goldsmith

Carnegie Learning
888-851-7094
kLieb@carnegielearning.com
Reggie Revere
Kellen Lieb/Lynn Harris

Casio America Inc
963-361-5400 ext 4351
jgarlett@casio.com
Mary Frank/ Mary Jane Smith
John Garlett

Classroom Products Whse
888-271-8305
sfarrell@cpwco.com
Shane Farrell/Shirley Bewick
Amy Carta/Nelly Tinkle

CPM Educational Prog.
916-638-1145
petersen@cpm.org
Tom Scott
Bob Petersen

Curriculum Associates
800-225-0248
kwalsh@cainc.com
Pat Garretson/Kathy Walsh
Sharon Demuth-Womble

Destination Knowledge
800-889-4886
chamilton@destknow.com
Kristine Marsh/Cali Swango
Christine Hamilton

Didax Inc.
978-997-4385
margo@didax.com
Brian Scarlett
Margo Hansen

Dinah-Might Adventures
830-995-3800
sara@dinah.com
Tom Boswell/Evalee Parker
Sara Potter

EAI Education
800-770-8010
btuzzeo@eaiusa.com
Barbara Tuzzeo

Educator's Outlet Inc
970-224-3811
blakeliley@educatorsoutlet.com
Gary Otto
Blake Tiley

ETA Cuisenaire
800-445-5985
Jciborowski@ETACuisenaire.com
Glenn Meloni/Ralph Carsen
Julie Ciborowski

Everglades
954-465-1889
kdechert@evergladesk12.com
Kevin Bechert
Barbara Nunn

Explore Learning
866-882-4141
adogum@explorelearning.com
Arlene Fonda/Jason Kopish
Abby Dogum

FL Council on Econ. Education
813-289-8489
SPARKS@FCEE.Org
Suzanne Parks

FL Engineering Fund
850-224-7121
aanderson@fleng.org
Abby Anderson

FL Public Arch. Network
904-669-3800
aweiss@flagler.edu
Amber Grafft-Weiss

GeoMotion Group
407-275-0510
events@geomotiongroup.com
Donna Altenburger
Cindy Childers

Holt McDougal
407-345-3777
Jennifer.Behar@hmhpub.com
Tricia Rinker/Jeff Rutter
Jennifer Behar

Houghton Mifflin Harcourt
407-345-3777
Jennifer.Behar@hmhpub.com
Jeff Guerra/Christine Jenkins
Mindi Jones/Michelle Gordon

I See Cards LLC
407-620-3055
linda.eaglin@gmail.com
Ron Eaglin/Linda Eaglin

Learning Wrap-ups, Inc.
801-497-0050
rich@learningwrapups.com
Rich Stuart/Ron Stuart

L&M Instructional Resources
210-492-2783
libbyc@aol.com
Libby Chaskin

Math Matters Inc.
516-333-0717
mathgames@mathmattersinc.com
John Hinton
Elaine Hinton

Math Teachers Press, Inc.
800-852-2435
rmarold@movingwithmath.com
Barry Persby/Greg Miller
Rob Marold

Nasco
920-568-5505
kolander@enasco.com
Lyn Thormann
Connie Kolander
Rhonda Hutchinson

Neffo Enterprises, LLC
cindy@neffogames.com
Cindy and Robert Neff

Neufeld Learning Systems
1-866-429-6284
bmathies@neufeldlearning.com
Rudy Neufeld
Jeremy Neufeld

Pearson
850-240-5009
debbie.campbell@pearson.com
Debbie Campbell/John Ruby
Steve Olson /Brad Buelow

Penda
404-343-0950
Jen.miller@pendalearning.com
Warren Miller/Brian Hinds
Jennifer Miller

Renaissance Learning
715-424-3636
peggy.packer@renlearn.com
Don Bascle
Peggy Packer

Sopris Learning
813-380-6933
kathleen.gibson@soprislearning.com
Kathleen Gibson

Suntex International
610-253-5255
nancy@24game.com
Cynthia Anderson
Nancy Kane

Texas Instrument
214-567-6409
kdalton@ti.com
Dave Barron
Karen Dalton

Think Through Math
412-894-1474
awirfel@thinkthroughmath.com
Judith Masse
Andrew Wirfel

Voyager
954-632-6206
jean.correll@voyagerlearning.com
Jean Correll/Ninette Forte

Western Governors Univ.
801-290-3636
jpink@wgu.edu
Bob Rustad
Jerry Pink

McGraw Hill Education
813-838-3572
rachel_powers@mcgraw-hill.com
Megan Hartman/Mike Pujol
Rachel Powers

Frog Publication
800-777-3764 x206
conferences@frog.com
Wendy Alli

Perfection Learning Corp.
800-831-4190
exhibits@perfectionlearning.com
David Irons/Aaron Sever
Judy Pixley

Cengage
800-354-9706
cathy.mcmillan@cengage.com
Cathy McMillan

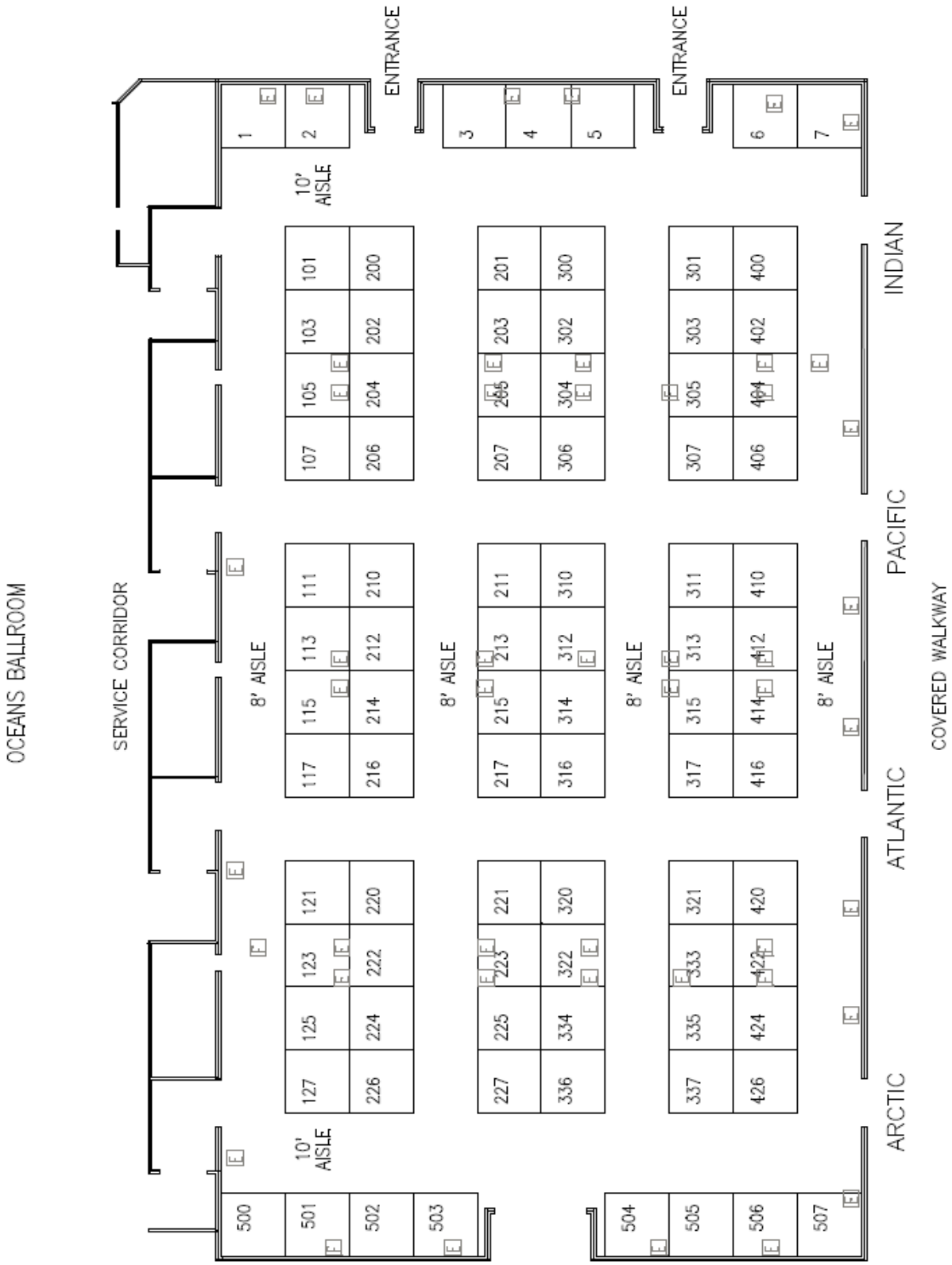
EPS Literacy and Intervention
800-435-7728 x 6118
Jeanne.tierney@schoolspecialty.com
Jeanne Tierney

Advanced Training and Learning Technology
757-651-4110
eharvey@atlt-llc.com
Edward Harvey

Bedford Freeman and Worth
212-375-7154
jacqueline.seltzer@macmillan.com
Jacqueline Seltzer

Mobius Math Corporation
888-849-0774
KarenKing@mobiusmath.com
Peter Sickler

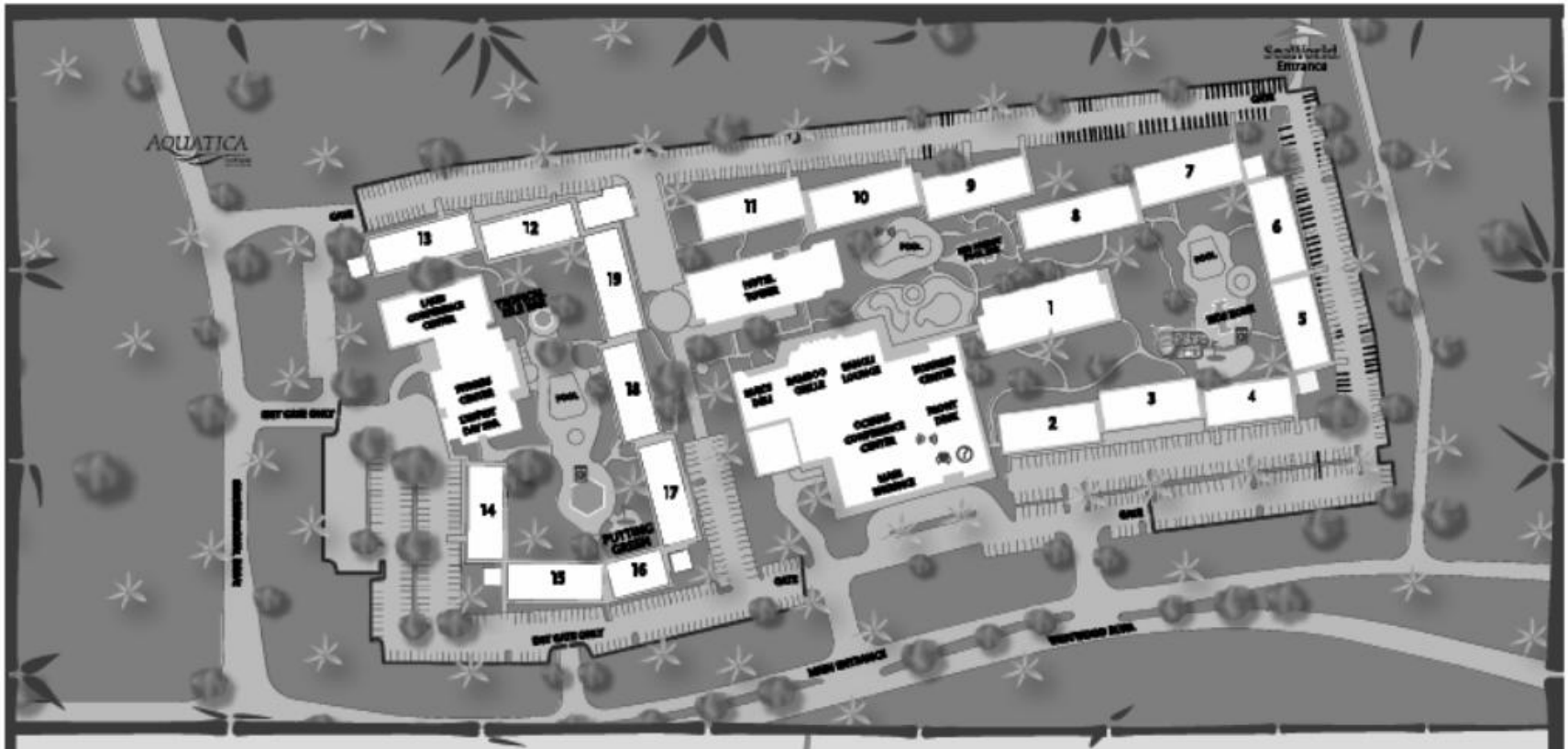
Exhibitor Hall Booth Locations – Oceans Ballroom



Exhibitors 2012

	Booth #
Acaletics Math	202
AIMS	204
Aleks Corp.	304
Beacon Educator	410
BestQuest Teaching	105
Big Ideas Learning	215 & 217
Carnegie Learning	221
Casio America	115 & 117
Classroom Products	314 & 316
CPM Educational	203
Curriculum Assoc.	205
Destination Knowledge	303
Didax	111
Dinah-Might Adventures	414 & 416
EAI Education	200
Educator's Outlet	113
EPS Literacy & Intervention	222
ETA hand2mind	300
Everglades	305
Explore Learning	301
Fla Council on Econ Educ.	412
Fla Engineering Foundation	206
Fla Public Arch Network	107
Cengage	322
Advanced Training and Learning Technology	224
Mobius Math Corporation	225

	Booth #
I See Cards	223
Learning Wrap-ups	404
L & M Instructional	302
Math Matters	214
Math Teachers Press	210
McGraw Hill	216
Nasco	310
Neffo Enterprises	101
Neufeld Learning	103
Pearson	311, 313, 315 & 317
Penda	211
Perfection Learning Corp.	321
Renaissance Learning	406
Suntex International	312
Texas Instrument	400
Think Through Math	402
Voyager	307
Western Governors Univ.	212
FCTM	201
Frog Publications	320
GeoMotion Group	213
Holt McDougal	207
Houghton Mifflin Harcourt	306
Sopris	220
Bedford, Freeman and Worth	333



LOCATION	DESCRIPTION	HOURS OF OPERATION
Bamboo Grille	*Caribbean-style cuisine in a charming, airy setting; outdoor dining available*	6:30 AM–11:00 PM
Bangli Lounge	*Relaxing lounge offering premium beer, wine, cocktails and light snacks*	4:00 PM–midnight
Max's Deli	*New York-style deli sandwiches and Pizza Hut Express to eat in or take out*	6:30 AM–midnight
Red Parrot Pool Bar	*Festive poolside bar with lite bites and libations*	open at noon
Room Service	*Excellent room service options*	6:30 AM–midnight
Spa	*Pamper yourself at the on-site L'Esprit full-service spa*	9:00 AM–6:00 PM *Monday–Saturday*
Fitness Center	*Rejuvenate the mind and the body with the complete fitness center*	24 hours daily by appointment
Palapa Mini Golf	*The mini golf course is designed to entice all players from beginners to advanced*	6:00 AM–10:00 PM

ACCOMMODATIONS	DESCRIPTION
Buildings 12-19	*Next door to Aquatica Park and featuring in-room coffee stations and complimentary wireless Internet access in every room*
Buildings 1, 9-11 & Hotel Tower	*An invigorating yet relaxing space for both leisure and business travelers*
Buildings 2-8	*This family-friendly area features mini golf and a pool area; take a walk to SeaWorld or stay in with our Pay Per View movies*

SPECIAL FEATURES	KEY	
Guest Services		*Thrifty Car Rental and Universal Orlando guest service desk located in the lobby*
Wi-Fi Available		*Unplug your laptop and access the Internet wirelessly; complimentary access in the lobby, Red Parrot Pool Bar and all guest rooms; high-speed available at an additional cost*
Guest Laundry		
		For exit only
		For entrance and exit

10100 International Drive
Orlando, FL 32821
Reservation# 1-800-327-0363

FLORIDA COUNCIL OF TEACHERS OF MATHEMATICS
2012 STATE CONFERENCE

CELEBRATING 60 YEARS OF DEDICATED SERVICE TO MATHEMATICS EDUCATION IN THE STATE OF FLORIDA

DIAMOND JUBILEE
CELEBRATING THE JOURNEY TO COMMON CORE

CERTIFICATE OF ATTENDANCE

Attended the FCTM State Conference
October 18 – 20, 2012

Jill Nielsen

Jill Nielsen
President ~ FCTM
Orlando, Florida
DoubleTree Hotel by Hilton

The 2012 FCTM Conference Acknowledgements

The Florida Council of Teachers of Mathematics to thank the following people and companies for their support of the 60th Annual FCTM Conference

Orange County Council of Teachers of Mathematics

Seminole County Council of Teachers of Mathematics

Osceola Science and Mathematics Organization to Support and Inspire Students

Orange County Public School District

Houghton Mifflin Harcourt

Holt McDougal

Pearson Prentice Hall

Carnegie Learning, Inc.

Lakeshore Learning Materials

e2020

Solution Tree

EAI Education

Didax

CPW

Freedom Insurance of Orlando

Acaletics

Wonder Works

Big Ideas Learning

Penda

Destination Knowledge

Voyager

Untied Trophy

FCTM Board of Directors

and the Staff of DoubleTree

FLORIDA COUNCIL OF TEACHERS OF MATHEMATICS
STATE CONFERENCE 2012 PLANNING COMMITTEE

Natalie Angelis ~ Secretary
Teresa Ault ~ Audio Visual
Timothy Carroll ~ Hospitality
Rebecca Devor ~ Registration
Elisa Greco ~ Program
Pamela Guyton ~ Exhibits
Rebecca Jones ~ Treasurer
Karen Kerr ~ Publicity and Signs & Printing
Rebecca (Susan) Lee ~ Exhibits
Cristina Malphus ~ Publicity and Signs & Printing
Melanie Howard-Miller ~ Registration
Carla Pandohie ~ Transportation and Facilities
Alicia Paulsen ~ Meals and Reception
Kristine Peterfeso ~ Meals and Reception
Ophelia Powell ~ Exhibits
Sharon Shrader ~ Registration
Theresa Varn ~ Transportation and Facilities
Cherith Walton ~ Publicity and Signs & Printing
Carol Wienrich ~ Program
Veronica Yates-Riley ~ Student Volunteers

Thanks to each of you for your dedication to the profession of Mathematics Education. You have worked many hours to ensure that the educators who attend this conference would have an enjoyable, positive, and learning experience. It has been an honor to work with you. May you continue to grow, both professionally as colleagues and as friends. Take care and May God Bless each of you…

Margaret Walker ~ General Chair