

OCCTM FALL MINI CONFERENCE PROGRAM NOVEMBER 30, 2011



ELEMENTARY SESSIONS



MIDDLE SCHOOL SESSIONS



HIGH SCHOOL SESSIONS



#101 Games, Games, Games – Caryn Mandell, Forsyth Woods Elementary (grades 3-5) (session 3)
Quick and easy games that reinforce learning and challenge students to strategize. Games require little setup and few materials. Come play a few games and play them in your classroom tomorrow!

#102 – Making Sense of Fractions in the Common Core, Juli Dixon, UCF (grades 3-6) (session 2)
Teaching for depth is widely supported in the Common Core standards. What does that mean for fraction instruction? Explore rich examples and classroom video that helps to answer this question.

#103 You Don't Need a Genie to GRANT your Wishes! - Betsy Brown, Azalea Park Elementary (grades PreK – 12) (session 3)
Exploring the world of GRANTS and special funding available to classroom teachers. Where to find the grants, what to write to increase your chances of grant awards, and what kinds of grants are the most popular for “fundlers.”

#104 Move It..Learn It..Integrated Learning through Meaningful Movement – Donna Altenburger, GeoMotion Group (grades K-2) (session 1)
Get moving, stay fit, and have fun with the hottest meaningful movement and integrated learning moves: Hip Hop, Latin Dancing, Kickboxing, there's something for all ages with the Move It..Learn It session!

#201 Problem Solving with Technology – Pam Guyton, Lake Nona Middle (grades 6-12) (sessions 1 and 3)
Use discovery learning methods to have students find answers to math questions using technology to “fill in the blanks” Find a different way to run your classroom. Be a “facilitator”!

#202 The “Cure” for Fact Fluency – Clay Christensen, Big Brainz (grades K-8) (sessions 1 and 2)
Attend this session to get a free site license of Tomez Attack for this entire school year. Over 15,000 post-tests confirm that Big Brainz' high-end fact fluency video game will give your students 95% mastery of their math facts.

#203 – Math Writing That Doesn't Suck – Joe Barnett, Conway Middle (grades 6-12) (session 3)
Tired of having someone else tell you what to write about in your math class? Get students thinking from new perspectives while they write about math and actually enjoy it!

#204 Math Centers and Stations, Becky Jones, Union Park Middle (grades 6-12) (sessions 2 and 3)
Using best practices in the math classroom including hands-on activities and centers to help prep students for the FCAT.

#205 Dimension U, Melisa Ramos, Union Park Middle (grades K-12) (sessions 1 and 2)
DimensionU is a video game-based learning resource where students can access 3D multiplayer educational video games that help them hone their math and literacy skills, connect with friends, and compete and collaborate while learning.

#301 Math in the Movies – Natalie Angelis, Lake Nona High (grades 6-12) (sessions 1 and 3)
Use movie clips with specific math connections in your classroom to help students engage with math. Websites and worksheets will be shared.

#302 Barbie Bungee Jump – Susan Lee and Daphne Aldridge, Timber Creek High (grades 8-12) (session 3)
Participants will collect data and use the data to make a line of best fit, then use the equation to determine how many rubber bands will be needed to bungee Barbie without hitting her head.

#303 Cooperative Structures – Wendy Appleby, Florida Dept of Education (grades 6-12) (sessions 1 and 3)
This professional development is designed to introduce teachers to cooperative learning structures and active engagement. These structures are easy-to-learn and easy-to-use. Come learn how to engage your students and increase student-to-student discourse.

#304 – UCF Advanced Degrees Education with Emphasis in Math Science and Technology - Bonnie Swann, UCF (grades K-12) (sessions 2 and 3)
Come learn about the Lockheed Martin/UCF programs in Mathematics, Science & Technology. Presentations will include a question answer session.

#305 – Differentiating Instruction by using Board Games and Cards – Lara Tran, Ocoee High School (grades K-12) (sessions 2 and 3)
Providing resources for teachers to differentiate and teach students at different levels in the class.

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#105 Children Success with Learnercise Learning While Moving - Donna Altenburger, GeoMotion Group (grades 3-5) (session 2)

This session presents methods to enhance children's success, while bringing an element of fun into their learning, including jumping, balancing, and moving on colorful mats that display numbers, letters, and the alphabet. The latest brain research was used in developing Learnercise, and you can learn how to develop the whole child using different learning styles.

#106 What's Up with FCAT 2.0? – Karen Kerr, Chickasaw Elementary (grades 3-5) (session 1)

Update your knowledge of the FCAT 2.0 Mathematics assessments . Information is being shared from the FCTM conference where the Test Development Center spoke, identifying some areas that are proving to be the most difficult for students. Sample items will be shared.

#107 INSPIRE: Using Model Eliciting Activities – Cristina Malphus and Veronica Franco Winegard Elem (grades 3-5) (session 2)

Model Eliciting Activities (MEAs) are now in the Math CIA blueprint, but who knows how to use these tools? Join us for a hands-on workshop on how to implement MEAs and leave with several new lesson plans.

#108 – Making Sense of Multiplication and Division, Juli Dixon, UCF (grades 3-6) (session 3)

In order for students to be mathematically proficient with multiplication and division, they must learn more than just algorithms. Explore rich examples and classroom video that promote this level of understanding.

#206 Using Math Games for Better Learning – Ron Eaglin, Daytona State College (grades 3-10) (sessions 1 and 2)

You will receive a copy of 3 math games (Pyramath, Fractazmic, Prime Bomb) and learn how to use them to have fun and enhance learning.

#207 INSPIRE: Using Model Eliciting Activities – Diane Johnson, Corner Lakes Middle (grades 6-8) (session 1)

Model Eliciting Activities (MEAs) are now in the Math CIA blueprint, but who knows how to use these tools? Join us for a hands-on workshop on how to implement MEAs and leave with several new lesson plans.

#208 Algebra Tiles LEVEL II - Solving Equations and Multiplying Polynomials – Deborah McGinley and Jerome Naso ELC (grades 6-12) (session 1)

Do you have a bin of Algebra Tiles sitting on a shelf in your room? Would you like to encourage your students to use manipulatives while solving equations, or how about multiplying polynomials? Come by and practice using algebra tiles with us!

#306 Crime Scene Statistics – Susan Lee and Daphne Aldridge, Timber Creek High (grades 10-12) (session 2)

Unravel the mystery of real world math, while discovering who committed the crime. Use statistical data collected to explore several crime scene scenarios using graphing calculators. Handouts provided.

#307 Focus on the Algebra 1 EOC, Margaret Walker, District Office (grades 6-12) (session 1)

Teachers will be given a brief overview of what is expected on the Algebra 1 end of course exam.

#308 Focus on the Geometry EOC, Margaret Walker, District Office (grades 6-12) (session 2)

Teachers will be given a brief overview of what is expected on the Geometry end of course exam.