

The Association of Mathematics Teachers of New Jersey
7th Annual Special Education and Mathematics

**PREPARING FOR COMMON CORE STATE STANDARDS & ASSESSMENTS:
 Update 2015**

A Conference for ALL Grades K-12
Saint Peter's University
2641 John F. Kennedy Boulevard
Jersey City, NJ

*Armory Parking lot address:
 686 Montgomery Street*

WEDNESDAY, JANUARY 7, 2015

SPU MacMahon Student Conference Center – located at 47 Glenwood Avenue

Breakfast, Registration Desk and Exhibits* ~ 8:00 – 9:00 a.m.

*** Exhibits will remain open throughout the day – 3rd Floor**

Featured Opening Session

9:00 – 10:00 a.m. – 6th Floor Skyroom

Common Core State Standards, PARCC, and Special Education

Presenter: Peggy McDonald, Director, NJ DOE Office of Special Education

Grade Level/Room (Capacity)	SESSION 1 ~ 10:30 – 11:30 a.m.
K – 12 6 th Floor Conf. Ctr. Skyroom (400)	Update on PARCC Assessment for ALL Students <i>Presenter: Jeffrey Hauger, Director of Assessment, NJ Department of Education (NJ DOE)</i>
K – 12; Pre-Service Teachers McIntyre B (100)	Supporting Diverse Learners through Teaching Common Core Mathematical Practices <i>Participants will collaborate to solve problems that elicit perseverance, reasoning, and precision, while examining and naming specific Common Core Mathematical Practices they demonstrate.</i> <i>Presenters: Rob Weiman, Jill Perry, Rowan University, Glassboro, NJ</i>
K – 12 Roy Irving Theater (150)	Motivational Speaking for Special Education <i>Listen to motivational speeches addressing self-advocacy, special education resource difficulties, and educational outcomes in the population of special needs.</i> <i>Presenter: Michael Nevin, NJ DOE Special Education Advisory Committee, First Cerebral Palsy of New Jersey, Belleville, NJ</i>
K – 5 Conf. Ctr. 6 th Floor North A (60)	Fractions Don't Need to Be Frustrating! Using Manipulatives to Develop Number and Operations <i>Discover how manipulatives can be used to help students better understand concepts, such as number sense and strategies for number operations and fractions.</i> <i>Presenter: Kevin Dykema, Mattawan Middle School, Mattawan, MI</i>
3 – 8 Conf. Ctr. 6 th Floor North B (40)	Math Activities for Fun <i>Enhance instruction with activities that engage students and reinforce common core standards. Explore ways to allow students' to add a personal touch to their learning.</i> <i>Presenter: Luann Voza, Math Teacher, Lyndhurst Public Schools, Lyndhurst, NJ</i>
3 – 8 Conf. Ctr. 3 rd Floor Alcove (30)	Mathematics Knowledge for Teaching ALL Students <i>Participants will explore mathematical content in activities, including concrete and pictorial representations of fractions and decimals.</i> <i>Presenter: Eliza Leszczynski, Instructional Specialist, Montclair State University, Montclair, NJ</i>

Grade Level/Room (Capacity)	SESSION 1 ~ 10:30 – 11:30 a.m.
6 – 8 Conf. Ctr. 3 rd Floor Fac. Room (30)	<p>CCSS Instructional Strategies for ALL Students <i>Help students attain a higher level of achievement on future PARCC Assessments and gain a better understanding of the CCSS by developing a more visually based instructional format.</i> Presenters: Angelo DeMattia, Kean University, Union, NJ; Amy Miele, Sampson G. Smith School, Franklin Township, Somerset, NJ</p>
6 – 12 McIntyre A (100)	<p>Charting a Course with the TI-84 Plus C <i>Using a TI-84, participants will practice activities which give students' the opportunity to select, create and analyze a graph from a data set and look at the data graphically via scatterplots, histograms, box plots, bar charts and pie charts.</i> Presenter: Fred Decovsky, Consultant, Teachers Teaching with Technology, Millburn, NJ</p>
6 – 12 Conf. Ctr. 6 th Floor West (80)	<p>Cards, Coins, Counting, and the Common Core <i>Learn how to use manipulatives to get the basic concepts of probability and statistics necessary for future assessments to all students of all levels.</i> Presenter: Douglas Smith, Math Teacher, Arthur P. Schalick High School, Centerton, NJ</p>
9 – 12 McIntyre C (100)	<p>Making Algebra Child's Play: Developing Fraction Sense <i>Learn about the visual and kinesthetic teaching approach that enables students to grasp sophisticated concepts.</i> Presenter: Mary Geschel, Consultant, Borenson & Associates, Inc., Allentown, PA</p>
Multiple Locations	<p>GRAB AND GO LUNCH AVAILABLE FROM 11:30 a.m. – 1:30 p. m.</p>
Grade Level/Room (Capacity)	SESSION 2 ~ 12:00 – 1:00 p.m.
K – 12 6 th Floor Conf. Ctr. Skyroom (400)	<p>Reasoning and Modeling: Two Pillars of the Mathematics Practices <i>This presentation will showcase reasoning and modeling of the Common Core Standards and their importance in the mathematics classroom.</i> Presenter: Nicolae Borota, Office of Assessment, NJDOE</p>
K – 12 McIntyre A (100)	<p>Formative Assessment: Technology Tools to Support Our Classroom <i>Find out how technology integration for immediate feedback supports our students and our teachers.</i> Presenter: Jennifer R. Larson, Far Hills Country Day School, Far Hills, NJ</p>
K – 12; Pre-Service Teachers McIntyre B (100)	<p>Rich Problems Illustrating the Practice-Attend to Problems and Persevere in Solving Them <i>This workshop will focus on the mathematical practice of perseverance in problem solving. Problems will be selected from the branches of number, algebra and geometry illustrating this vital standard for Mathematical Practice alluded to in the Common Core.</i> Presenter: Jay L. Schiffman, Mathematics Professor, Rowan University, Glassboro, NJ</p>
K – 5 Conf. Ctr. 6 th Floor West (80)	<p>Singapore Math and the CCSS Assessments – A Walk in the PARCC <i>Come explore how Singapore Math emphasizes conceptual understanding, skills development, and problem-solving strategies in order to empower your students for assessment under the Common Core and develop a readiness for college and career.</i> Presenter: Christopher Coyne, Senior Education Consultant, Marshall Cavendish Education, Tarrytown, NY</p>

Grade Level/Room (Capacity)	SESSION 2 ~ 12:00 – 1:00 p.m.
K – 5 Conf. Ctr. 6 th Floor North A (60)	<p>Using RTI as a Vehicle to Prepare Students with Special Needs for the PARCC <i>This presentation focuses on utilizing appropriate interventions and instructional methods to meet all elementary students' needs in the Mathematics content area.</i> Presenter: Erin Lichtenwalner, School Psychologist, Davenport Elementary School Complex, Egg Harbor Township, NJ</p>
3 – 5 Conf. Ctr. 3 rd Floor Alcove (30)	<p>Performance Tasks for Success: Access for ALL Learners Using Visual Models <i>Come experience the CCSS by engaging in a hands-on look at Performance Based Assessments with instructional strategies that focus on making connections among the content domains with access for all elementary grade students. CCSS Math Practices, specifically Task II Reasoning and Task III Modeling and Application resources designed to help students and teachers meet the new assessment expectations will be highlighted.</i> Presenter: Deborah Ives, Assistant Professor, Montclair State University, Montclair, NJ</p>
3 – 8 Conf. Ctr. 6 th Floor North B (40)	<p>Fractions: Using Videos for Continued Learning in School and at Home <i>Find out how students can learn fractional concepts and procedures as they view videos on computers, tablets and smartphones.</i> Presenters: Frank Gardella, Bob Kaplan, Hunter College, New York, NY</p>
6 – 12 Conf. Ctr. 3 rd Floor Fac. Room (30)	<p>What Do I Need to Get an “A”? <i>This session provides a means for assessing mastery in a dynamic fashion that encourages students to continue to build and refine skills, procedures for skills mastery based grade book, and ways of acclimating parents to non-traditional means of grading.</i> Presenter: Mary Rose Poole, Teacher Coach, Mainland Regional High School, Linwood, NJ</p>
9 – 12 Dinneen 327 (36)	<p>Engaging All Students: Lesson from a Senior Elective Course <i>Participants will learn about a course that was co-constructed by the presenter and his students in an attempt to give students a more meaningful, engaging experience in mathematics classes. Special attention will be paid to applications for teachers in courses subject to the Common Core.</i> Presenter: Mark Russo, Supervisor of Mathematics, Pascack Valley Regional High School, Montvale, NJ</p>
9 – 12 Roy Irving Theater (150)	<p>Get Smarter! Take the SAT! <i>What should students know? Studying for the SAT/ACT can be a learning opportunity to fill in gaps and become college and career ready.</i> Presenter: Robin Schwartz, Adjunct Professor/Founder, College of Mt. St. Vincent/Math Confidence, Greater NYC area</p>
Grade Level/Room (Capacity)	EXTENDED SESSION ~ 12:00 – 1:30 p.m.
6 – 12; Pre-Service Teachers McIntyre C (100)	<p>CCSS of Mathematics with Visual Math <i>Practice PARCC questions based on the CCSS of Algebra and Geometry. Explore ways to develop student interest and allow for a deeper understanding of these challenging mathematical concepts.</i> Presenter: Iftikhar Hussain, Teacher, University High School, Newark Public Schools, Newark, NJ</p>
Grade Level/Room (Capacity)	ABBREVIATED SESSION ~ 1:30 – 2:00 p.m.
3 – 8 Conf. Ctr. 3 rd Floor Fac. Room (30)	<p>Digits/PARCC Playground <i>The key to maximizing student math potential lies in delivering the curriculum. Learn how to use the Digits (Pearson) Curriculum to find the same success as ED Self-Contained Students are experiencing.</i> Presenters: Maripat Perone, Susan Longo, Special Education Teachers, Somers Point School District, Somers Point, NJ</p>

Grade Level/Room (Capacity)	SESSION 3 ~ 1:30 – 2:30 p.m.
K – 12 6 th Floor Conf. Ctr. Skyroom (400)	<p>Promoting Active Student Engagement: Implications for Math Instruction of Students with Learning Disabilities <i>This presentation will provide an overview of instructional practices that can be used to promote the active student engagement that is essential for students with learning disabilities to demonstrate progress on the Mathematics Common Core State Standards.</i> Presenter: Roberta Wohle, Fairleigh Dickinson University, School of Education Learning Disabilities Program; Former NJ DOE Director of the Office of Special Education</p>
K – 12 McIntyre A (100)	<p>Using the 4 C's in the 21st Century to Differentiate Instruction <i>Learn new ways to incorporate the 4 C's of the 21st Century (Critical Thinking, Creativity, Communication, and Collaboration) into differentiated instructional activities.</i> Presenter: Julie Norflus Good, Director of the Master of Arts in Special Education, Ramapo College, Mahwah, NJ</p>
K – 5 Conf. Ctr. 6 th Floor North A (60)	<p>Ensuring that Students with Special Needs Understand Higher Order Math Concepts Aligned with the Common Core <i>Explore teaching strategies that frame math as a set of big ideas and guide students of all abilities to grasp higher-level concepts.</i> Presenters: Mary Sheppard, Rob Weiman, Rowan University, Glassboro, NJ</p>
K – 5 Pre-Service Teachers Conf. Ctr. 6 th Floor West (80)	<p>Building Critical Thinking Skills in Mathematics Through Literature and Authentic Learning Experiences <i>Come and discuss the habits of mind and creative thinking skills students need to increase their ability to apply logic to problem solving.</i> Presenter: Michelle Alise Brown-Grant, Assistant Professor, Felician College, Rutherford, NJ</p>
6 – 8 McIntyre B (100)	<p>PARCC, Pattern Blocks and Problem Solving, can we get a P Please? <i>Is the coming of PARCC pushing your buttons? Are your students ready to push the right buttons on PARCC? Participants will be actively engaged in hands-on activities that utilize pattern blocks and multiple learning.</i> Presenter: Chinwe Mgbenwelu, Dr. Ray Lindgren, Math Specialists, Office of Special Education, NJDOE</p>
6 – 12 Dinneen 328 (42)	<p>SMARTBoard Strategies and Ideas for the Inclusive Classroom <i>Increase involvement for all students with effective SMARTBoard teaching.</i> Presenter: Linda Treilman, Associate Professor, Mercer County Community College, Trenton, NJ</p>
6 – 12; Pre-Service Teachers Conf. Ctr. 6 th Floor North B (40)	<p>Using Standards Based Grading to Improve Student Learning <i>Grading to Standards is the key to transform your students from passive recipients of knowledge to active participants in their own learning. Learn all about the tools and framework necessary to convert your classroom into a high achieving learning environment.</i> Presenter: Ron Wence, Assistant Principal of Curriculum and Instruction, Rancocas Valley Regional High School, Blackwood, NJ (Additional speaker: Betsy Bunting)</p>
6 – 12; Pre-Service Teachers Conf. Ctr. 3 rd Floor Alcove (30)	<p>Linking an Understanding of Fractions to Success in Algebra <i>The study of Fractions has been referred to as the ramp that leads to understanding Algebra. Examine the relationship between student errors and misconceptions with Fractions and Algebra.</i> Presenter: Suzanne Reynolds, Professor of Mathematics Education, St. Thomas Aquinas College, Sparkill, NY</p>

Grade Level/Room (Capacity)	SESSION 3 ~ 1:30 – 2:30 p.m.
9 – 12 Roy Irving Theater (150)	Transform Students into Successful Learners via UDL Choice Menus, Technology & Small Group Instruction <i>Do you long to hear your students say these words, “I love Math?” Come discover how UDL Choice Menus and Small Group Instruction can transform struggling learners into confident learners, and increase student engagement and achievement. Take this time to allow yourself to enter the world of UDL!</i> Presenter: Melissa Jackson, Intervention Specialist, NJDOE

CLOSING SESSION ~ 2:45 – 3:00 p.m.

6th Floor Conference Center Skyroom

“Your Input is Valued!”

DOOR PRIZES!

Professional Development Certificates (6.5 hours) distributed at the conclusion of the program.

Visit the Exhibits Available Throughout the Day:

Conference Center 3rd Floor

Borenson & Associates, Inc.

EAI Education

McGraw Hill Education

On-site Parking Garage with Shuttle Bus service to campus and easy access to Public Transportation!

Visit: www.amtnj.org

for more information and Registration Form.