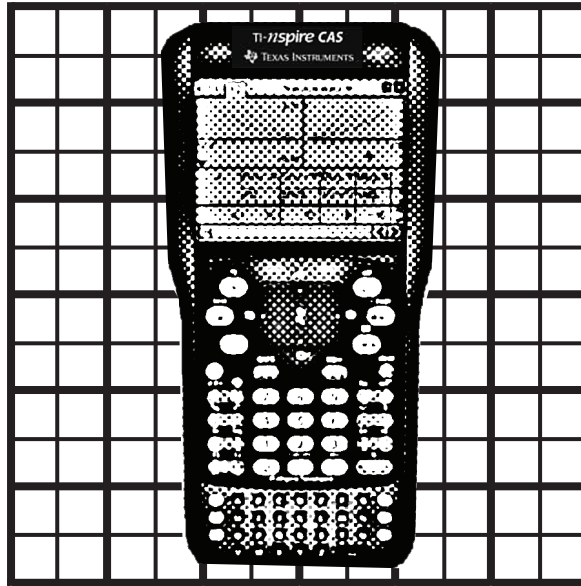


Engaging Students through Technology



T³ REGIONAL CONFERENCE

Wednesday, June 30 and
Thursday, July 1, 2010

Reading Memorial High School
82 Oakland Road,
Reading MA

Sponsored by:
The Salem State Collaborative For
Mathematics, Science and
Interdisciplinary Education

www.salemcollaborative.org

Collaborative Project for Mathematics, Science and Interdisciplinary Education

T³ Regional Conferences are designed to help you integrate TI Handheld Technology and computer software into your classroom. They are great for both new and experienced users of technology. Sessions are full of ideas to take back to your classroom. In addition, you can see how other technologies integrate with TI products such as SmartBoards, Cambridge Physics Outlet equipment and investigation activities, Autograph Software, Sketchpad, Excel and much more.

- Beginner through advanced sessions
- Learn from experienced educators
- Hands-on and demonstration sessions for new and experienced educators
- Lots of great classroom activities and ideas
- Exchange ideas with others who are trying new techniques in their classrooms
- See how technology is transforming how we teach mathematics and science in grades 7-12

Daily Schedule

Wednesday

7:30	Registration
8:15 – 9:45	Session 1
10:00 – 11:30	Session 2

Lunch/Vendor Showcase

12:45 - 2:00	Session 3
2:15 – 3:30	Session 4

Thursday

7:30	Registration
8:15 – 9:45	Session 1
10:00 – 11:30	Session 2

Lunch

12:15 – 1:30	Session 3
1:45 – 3:00	Session 4

Lunch and morning refreshments are included in registration fee.

Thanks to:

Special Thanks to the administration and staff of the Reading Public Schools for the use of Reading High School.

Vendor Support

The Learning Team
Laurie Kreindler

It's About Time Publishing Company
Connie Anick

Pro AV Systems

2010 Boston TI Regional Conference WORKSHOP OFFERINGS

Workshop 1: Shape Up! An Introduction to functions using Lists and Scatter Plots.

Presenter: Sheryl Edwards, T³ Regional Instructor, SuccessTech Academy, Cleveland
Audience: Grades 9-12
Description: We will use real world data to discover how related quantities look when graphed on a scatter plot. Linear, quadratic, exponential and cubic relationships will be included. We will use measurements, manipulatives and paper and pencil along side the TI84 + graphing calculator. Students will be challenged to generalize (model) the relationships as a function equation.

Workshop 2: Using the Inequality App on the TI 84+ to connect Algebra to Geometry

Presenter: Sheryl Edwards, T³ Regional Instructor, SuccessTech Academy, Cleveland
Audience: Grades 9-12
Description: Students will review the geometry of linear functions. They will use what they have learned about slope, intersecting lines, parallel and perpendicular lines, and equations of lines to draw specified polygons in the coordinate plane. They will use distance formula to find the lengths of sides and the perimeter and area of the figures. They will also review properties of triangles, trapezoids, rectangles and parallelograms.

Workshop 3: Using TI Nspire Navigator to Maximize Effective Use of Class Time

Presenter: Howard Stern, T³ Regional Instructor,
Audience: Grades 6-12
Description: This presentation will provide an overview of the features of Nspire Navigator which will help the instructor make the most effective use of class time. Features include file transfer, taking attendance, and quickpoll.

Workshop 4: The Kidneys and a Drug Model on TI-Nspire

Presenter: Howard Stern, T³ Regional Instructor
Audience: Grades 9-12
Description: Presenter will share an activity used in pre-calculus which takes advantage of the multiple representations on Nspire to give students a concrete example of recursive functions and dynamical systems.

Workshop 5: Using TI-Nspire to Explore Graph Theory

Presenter: Anna Panova, T³ Regional Instructor, Lawrence HS, Hamilton NJ
Audience: Grades 9-12
Description: This is a hands-on workshop. Participants will use the capabilities of TI-Nspire to investigate a graph theory problem posed in the TIME Magazine. Through their investigation, participants will discover the formula to find a number of edges in a fully-connected network. Participants will also use TI-Nspire to analyze the data by using a Spreadsheet and Scatter plots. Multiple representation of the problem will be discussed.

Workshop 6: Integrating TI-SmartView and SMART Board to Increase Student Engagement

Presenter: Anna Panova, T³ Regional Instructor, Lawrence HS, Hamilton NJ
Audience: Grades 6-12
Description: In this session participants will explore different ways to incorporate TI Emulator Software in a classroom with a SMART Board. We will take a look at three emulators: TI-Smart View for TI-30X/TI-34 MultiView Scientific Calculators, TI-SmartView for TI 83 Plus/84 and TI-Nspire Emulator. Come see how to utilize TI Emulator Software in any math classroom to enhance student understanding and engagement.

Workshop 7: Using CAS to Foster Independent Learners

Presenter: Patsy Fagan, T3 National Instructor, Drake University
Audience: Grades 9-12
Description: What's the next step? Is my answer right? Questions like these often indicate a student's lack of confidence and/or conceptual understanding. Strategies and activities to help students become independent learners using the TI-Nspire CAS will be presented. Novice users of TI-Nspire CAS are welcomed.

Workshop 8: TI Nspire Navigator, a tool to increase student engagement

Presenter: Ellen Browne, Pomfret School, Pomfret, CT
Audience: Grades 6-12
Description: Use the wireless Nspire Navigator to send and collect pre-made documents, analyze them and give instant feedback to the students. Use the Navigator to increase teacher understanding of students thought process using the screen capture feature and documents created by the students.

Workshop 9: TI Nspire Navigator, Come See What's New

Presenter: Ellen Browne, Pomfret School, Pomfret, CT
Audience: Grades 6-12
Description: It's wireless. It's speedy. Experience the "Make Presenter" feature, the seamless "Screen Capture" and the convenience of having the "SmartView" right within the Navigator Application. No Experience necessary. Handhelds (Nspire's) available for participant use.

Workshop 10: Investigating Distance vs. Time Graphs with Motion Detectors

Presenter: Sarah Heller, Mathematics Consultant, T³ Regional Instructor
Audience: Grades 6 - 9
Description: Using the CBR2 (Calculator Based Ranger) and graphing calculators students will explore distance vs. time graphs in real life. This hands-on activity is fun for all students while conveying the powerful mathematical concept of slope. Students will interpret and analyze distance vs. time graphs including starting position and slope and relate rate of change to slope. Participants will leave with ready to use activities for their classrooms.

Workshop 11: Projects for your PreCalculus and Algebra II

Presenter: Sarah Heller, Mathematics Consultant,
T³ Regional Instructor

Audience: Grades 9-12

Description: Looking for projects to enhance your Algebra II and Pre Calculus classes? We will explore several projects that incorporate real-life data and technology. Activities include modeling linear, exponential and trigonometric and piecewise functions. Bring your TI-84 calculator (if possible) for data and programs. Knowledge of using lists on a graphing calculator is helpful. Participants will walk away with ready to use activities for their students.

Workshop 12: What Can the TI-84 Plus 2.53 MP Operating System Do For You?

Presenter: Jean McKenny, T³ National Instructor

Audience: Grades 6-12

Description: The latest update for the TI-84+ operating system includes some really nice new features. Come to this session and learn how much more the 84+ can do for you and your students. Bring a TI-84+ and get it updated.

Workshop 13: Intermediate Cabri Jr

Presenter: Bob Knittle, Jobs for the Future/University Park Campus School

Audience: Grades 6-12

Description: Experience the "Centers of a Triangle" and the "Euler Line" with Cabri Jr and the TI 84. Follow along with a demonstration of building the Euler Line, and discuss the relationships between the centers. Other activities will also be presented to make further connections between Algebra and Geometry.

Workshop 14: Introduction to Cabri Jr

Presenter: Bob Knittle, Jobs for the Future/University Park Campus School

Audience: Grades 6-12

Description: Help for schools without computers! Cabri Jr is a wonderful APP for the TI 84, designed to be used in any middle and high school classroom. Experience an introductory orientation to Cabri Jr, and see how to implement a variety of activities in the Algebra/Geometry classroom.

Workshop 15: Differentiated Instruction for the Low-Level Math Learner

Presenter: Holly Terrill, Vernon Public Schools/Texas Instruments- T³ Regional Instructor

Audience: Grades 6-12

Description: In this presentation, participants will have the opportunity to see how math can be taught to all types of learners using technology. The presentation will be geared to all types of learning styles so participants will be able to see how easy it is to differentiate math in the regular education or special education classroom.

Workshop 16: Incorporating TI-Nspire in an Inclusion Classroom

Presenter: Anna Panova, T³ Regional Instructor

Audience: Grades 6-12

Description: The TI-Nspire handheld can be used to help struggling students understand the process without getting stuck with the calculations when learning a new topic.

Workshop 17: Introduction to the TI-nspire

Presenter: Jennifer Toelken, T³ Regional Instructor,
STEM Middle Academy, Springfield, MA

Audience: Grades 6-12

Description: Participants will be introduced to the TI-nspire during this hands-on presentation. We will focus on the various applications that the Nspire has to offer. This is an excellent workshop for beginning graphing calculator users as well as experienced ones. This is also applicable to pre-service teachers.

Workshop 18: Content vs. Concepts

Presenter: Jean McKenny, T³ National Instructor,
Vermont

Audience: Grades 6-12 and Administrators

Description: Students can learn definitions and memorize formulas. They can calculate quantities and attach proper units to answers. However, do they understand the concepts embedded in the mathematics they are learning? Do they even have misconceptions? TI-Nspire working with the new TI-Navigator for Nspire gives teachers a powerful tool to measure and improve conceptual learning. This hands-on session will provide several examples of how this can be done.

Workshop 19: The New TI Math Print Operating System

Presenter: Steve Ouellette, T³ Regional Instructor

Audience: Grades 6-12

Description: Come learn about the new features associated with the TI-84 Math Print operating system. Included in this operating system is the "pretty print" feature that allows you to create expressions that look just like those found in a textbook. For example, your TI-84 now has the capability to display stacked fractions and definite integrals, just to name a few. Updated TI-84 graphing calculators will be available during this workshop but bring your own TI-84 if you want to transfer this operating system to your device for free.

Workshop 20: Using Wikis, Screencasts, and other Web 2.0 Tools to Enhance Instruction

Presenter: Steve Ouellette, T³ Regional Instructor

Audience: Grades 6-12

Description: Stop leaving worksheets for your students while you are out of school attending conferences! New Web 2.0 tools make it possible to provide instruction, dynamic content, and other resources for your students while you are away. This information is available to your students 24/7, as long as they have a computer with internet access. See how one teacher has created such lessons for his Calculus students using online screencasting software, YouTube, and Wiki Space. Participants will also have an opportunity to create their own sample digital lesson.

Workshop 21: Excel in the Math/Science Classroom

Presenter: Karen Ellis, Math Coordinator,
Salem State Collaborative

Audience: Grades 6-12

Description: Excel is a powerful tool that can be used in math and science classrooms in both middle and high school. Participants will learn how this common software can enhance your students' classroom experience. Generating graphs, modeling data, and using functions in Excel are some of the topics to be shown.

Workshop 22: Technology in the Standards Based Classroom

Presenter: Karen Ellis, Math Coordinator, Salem State Collaborative
Audience: Grades 7-12
Description: This workshop will focus on how technology and standards based activities help enhance the math classroom for at-risk students. Participants will leave with three activities that can be implemented with not only their at-risk students but with your honors students as well.

Workshop 23: SmartBoards in the Math Classroom

Presenter: Leane Manderson, Math Teacher, Lynnfield High School, Lynnfield, MA
Audience: Grades 6-12
Description: This workshop will focus on how Smartboard technology can be used in math classrooms. This session will show how to pace the lesson, how to integrate free software and other technology, and how to conduct interactive demonstrations.

Workshop 24: Fun with SmartBoard: Toolkit 2.0

Presenter: Audrey Coats, Math Teacher, Lynnfield High School, Lynnfield, MA
Audience: Grades K -12
Description: There are a lot of great tools available and easy to adapt to any subject and age group. Bring a flash drive with some of your beginning lessons for next year and you can add some excitement to your existing lessons.

Workshop 25: Sketchpad in the Geometry Classroom

Presenter: Audrey Coats, Math Teacher, Lynnfield High School, Lynnfield, MA
Audience: Grades 7 -12
Description: This hands-on workshop will focus on how the Geometer's Sketchpad can be used to explore topics in the geometry classroom. You will participate in several lessons that you can then adapt for your needs and bring back to your students. Sketchpad is terrific as a teacher led demonstration as an exploration for students.

Workshop 26: TI-89 in Pre-calculus and calculus

Presenter: Marylou Sambatakos, Lynnfield High Mathematics Department Head
Audience: Grades 6-12
Description: This workshop will review activities that distinguish the power of the TI-89 over that of the TI-84 family of calculators. Participants will explore activities that will demonstrate how this is clearly the better tool for the calculus bound student.

Workshop 27: Statistics on the TI-84

Presenter: Marylou Sambatakos, Lynnfield High Mathematics Department Head
Audience: Grades 7-12
Description: The Statistics strand of the frameworks is a major component of the grade 7-10 MCAS exam. See how the graphing calculator can help your students better understand these topics.

Workshop 28: Using Autograph in Algebra 2 and PreCalculus

Presenter: Steve Smith, Math Teacher, Lynnfield High School, Lynnfield, MA
Audience: Grades 7-12
Description: This workshop will show how Autograph, the most used Algebra program used in math classrooms around the world, can help all students better visualize mathematical functions and complex topics. Lessons and activities will be shared. All participants will receive a 30-day license.

Workshop 29: Using Technology, A Veteran Teacher Learns to Become Better

Presenter: Donald Cameron, Math Teacher, Brooks School, North Andover, MA
Audience: Grades 7-12
Description: Learn how a math teacher of 36 years has become a more invigorated and better teacher through the use of computer software such as Autograph and Sketchpad. By no means an expert in any of the software he uses, for this presentation he chose only the facets of the software that genuinely change how he teaches and how his students learn.

Workshop 30: The TI-84 in the Algebra 2 Classroom

Presenter: Scott Trahan, T³ Regional Instructor
Audience: Grades 9-12
Description: Use features of the TI-84 to enhance the learning of Algebra 2 concepts in the classroom. This session will discuss activities used to introduce and reinforce topics including modeling piecewise functions, quadratic and polynomial regression, as well as solving systems using matrices. A basic user's guide written for students and handouts will be available.

Workshop 31: Investigations Using Probe Technology

Presenter: Scott Gordon, Science Department Head, Lynnfield High School, Lynnfield, MA
Audience: Grades 8-12
Description: In this workshop, probe technology, specifically Vernier Lab Quests, will be introduced and used in experiments appropriate for high school science classes. Participants will have the opportunity to perform short investigations using this equipment.

Workshop 32: Inquiry Based Investigations in Physical Science

Presenter: Zac Billings, Science Teacher, Lynnfield High School, Lynnfield, MA
Audience: Grades 7-12
Description: This workshop will focus on the use of CPO equipment to teach basic concepts in distance, velocity and acceleration. Specifically carts, timers, and ramps will be used in conjunction with Microsoft Excel to record, analyze and graph data. Determination of instantaneous and average velocity will be discussed. Detailed handouts that can be used in either a physical science class or a mathematics class.

Workshop 33: Apps and Activities for Algebra with TI-73/TI-84 and TI Navigator

Presenter: Linda Apicella, T³ National Instructor
Audience: Grades 6-10
Description: Instruction and Assessment in Pre-Algebra and Algebra for grade 6-10 using the TI-73 and TI-84 Calculators along with the TI-Navigator. Hand-outs will be available. Experience in 6-10 Waterbury, CT Classrooms will be shared.

Workshop 34: Get NSpired!

Presenter: Michelle Bonds, T³ Regional Instructor
Audience: Grades 8-12
Description: The new TI-Nspire is now easier to use. With the new action/consequence documents, you can immediately incorporate this new technology into your classroom effectively. Come see how you can motivate your students with hands-on activities for Algebra and Geometry. No experience needed.

Workshop 35: Two Sizes Too Small!! Solving the Grinch Task with TI-Nspire

Presenter: Michael Edwards, T³ Regional Instructor, Associate Professor Mathematics Education, Miami University
Audience: Grades 9-12
Description: We explore affine and size change transformations as we collaboratively solve the Grinch's Heart Problem. As students help the Grinch's heart grow, they confront common misconceptions involving proportionality and transformation.

Workshop 36: T⁶= Tom's Top Ten Teaching Techniques with Technology

Presenter: Tom Beatini, Hillsdale, NJ
Audience: Grades 9-12
Description: Utilizing features of the TI-84 graphing calculator, this session focuses on techniques that motivate and engage students in visualizing and making meaningful mathematical connections. Calculator programs will be shared.

Workshop 37: Putting Life into the Science and Math Classrooms

Presenter: Peggy Welch, T³ National Instructor, Science Teacher Nicholasville, KY
Audience: Grades 6-12
Description: Classroom tested activities that integrate science and mathematics core content will be presented.

Workshop 38: Trick Students into Practicing. They Won't Want to Stop

Presenter: Bob Garvey, T³ National Instructor
Audience: Grades 6-12
Description: Calculator games designed for use on TI-73 and TI-84 calculators that lure students into wanting to practice above and beyond minimal teacher expectations. These are ready-to-use and easy-to-learn. Makes teachers' lives easier and class time more productive

Workshop 39: Leave Your Books in Your Lockers

Presenter: Bob Garvey, T³ National Instructor
Audience: Grades 6-12
Description: Practical uses of the TI-73 and the TI-84 that allow students to create, correct, and score their own practice work. Special use of the "List Algebra" and "Random Number" power of the calculators will be presented. Empower students to help direct their own learning in a way that's fun.

Workshop 40: Introduction to Smart Response System (Senteo)

Presenter: Richele Shankland, Lynnfield Middle School, Department Head
Audience: Grades 6-12
Description: Participants will have an opportunity to use the interactive Senteo Smart Response System. A demonstration will be given as to its uses for both summative and formative assessments. Participants will be shown how to create questions, have students respond to questions using handheld "clickers" and report/save results of their assessments.

Workshop 41: Jumping Frogs and Games Oh MY!

Presenter: Miguel Garcia, T³ National Instructor, Thomas Jefferson Jr. High, Salt Lake City, Utah
Audience: Grades 6-9
Description: Participants will be given a variety of lessons and games which will engage Middle School students. Participants will also see how to integrate literature and mathematics.

Workshop 42: Your TI-84+ and OS 2.53. What's New? How About Some Algebra

Presenter: Vincent Doty, T³ National Instructor
Audience: Grades 6-12
Description: Participants will be introduced to the new features available on OS 2.53. We will spend time learning how to effectively use the 84+ to aid in factoring quadratics and solving equations. Tips for easy graphing and a look at the Algebra APP will round out the fun.

Workshop 43: An Nspired Look at Geometry

Presenter: Vincent Doty, T³ National Instructor
Audience: Grades 9-12
Description: Participants will use material from mathinspired.com to explore and investigate secondary geometry. We will also create "tns" files for geometric constructions and look at the various geometry tools available on TI-Nspire. Constructions, manipulation and fun.

Workshop 44: Using the TI-73 in the Middle School

Presenter: Holly Terrill, Vernon Public Schools/ Texas Instruments- T³ Regional Instructor
Audience: Grades 6-9
Description: This presentation will show the participant how to incorporate the TI-73 into the middle school classroom. Special emphasis will be placed on how the TI-73 will benefit special needs and low-level learners. Participants of various knowledge levels are encouraged to attend.

Wednesday, June 30 – Workshop Schedule

Workshop #	Session 1	Room	Audience
1	Shape Up! An Introduction to Functions Using Lists and Scatter Plots	209	Gr. 9-12
37	Putting Life into the Science and Math Classrooms	300	Gr. 7-9
9	TI Nspire Navigator, Come See What's New	203	Gr. 7-12
30	The TI-84 in the Algebra 2 Classroom	309	Gr. 9-12
12	What Can the TI-84 Plus 2.53 MP Operating System Do For You?	305	Gr. 7-12
14	Introduction to Cabri Jr	307	Gr. 7-12
17	Introduction to the TI-Nspire	207	Gr. 7-12
34	Get NSpired!	205	Gr. 9-12
23	SmartBoards in the Math Classroom	Lab 1	Gr. 7-12
6	Integrating TI-SmartView and SMART Board to Increase Student Engagement	Lab 2	Gr. 7-12
Session 2			
2	Using the Inequality App on the TI 84+ to connect Algebra to Geometry	209	Gr. 9-12
19	The New TI Math Print Operating System	305	Gr. 9-12
8	TI Nspire Navigator, a Tool to Increase Student Engagement	205	Gr. 7-12
10	Investigating Distance vs. Time Graphs with Motion Detectors	207	Gr. 7-9
18	Content vs. Concepts	203	Gr. 7-12
31	Investigations Using Probe Technology	311	Gr. 7-12
40	Introduction to Smart Response System (Senteo)	307	Gr. 7-12
33	Apps and Activities for Algebra with TI-73/TI-84 and TI Navigator	300	Gr. 6-10
24	Fun with SmartBoard: Toolkit 2.0	Lab 1	Gr. 7-12
29	Using Technology, A Veteran Teacher Learns to Become Better	Lab 2	Gr. 9-12
Session 3			
3	Using TI Nspire Navigator to Maximize Effective Use of Class Time	203	Gr. 9-12
41	Jumping Frogs and Games Oh MY!	207	
42	Your TI-84+ and OS 2.53. What's New? How About Some Algebra	305	Gr. 9-12
11	Projects for your PreCalculus and Algebra II	209	Gr. 9-12
31	Investigations Using Probe Technology	311	Gr. 7-12
38	Trick Students into Practicing. They Won't Want to Stop	300	Gr. 7-12
35	Two Sizes Too Small!! Solving the Grinch Task with TI-Nspire	205	Gr. 7-12
27	Statistics on the TI-84	207	Gr. 7-10
21	Excel in the Math/Science Classroom	Lab 1	Gr. 7-12
25	Sketchpad in the Geometry Classroom	Lab 2	Gr. 7-12
Session 4			
4	The Kidneys and a Drug Model on TI-Nspire	4	Gr. 9-12
16	Incorporating TI-Nspire in an Inclusion Classroom	4	Gr. 7-12
36	T ⁶ = Tom's Top Ten Teaching Techniques with Technology	4	Gr. 9-12
33	Apps and Activities for Algebra with TI-73/TI-84 and TI Navigator	4	Gr. 6-10
15	Differentiated Instruction for the Low-Level Math Learner	305	Gr. 7-12
7	Using CAS to Foster Independent Learners	205	Gr. 9-12
32	Inquiry Based Investigations in Physical Science	311	Gr. 7-12
26	TI-89 in Pre-calculus and calculus	307	Gr. 9-12
28	Using Autograph in Algebra 2 and PreCalculus	Lab 1	Gr. 9-12
20	Using Wikis, Screencasts, and other Web 2.0 Tools to Enhance Instruction	Lab 2	Gr. 7-12

Thursday, July 1– Workshop Schedule

Workshop #	Session 1	Room	Audience
36	T ⁶ = Tom's Top Ten Teaching Techniques with Technology	305	Gr. 9-12
7	Using CAS to Foster Independent Learners	205	Gr. 9-12
9	TI Nspire Navigator, Come See What's New	203	Gr. 7-12
42	Your TI-84+ and OS 2.53. What's New? How About Some Algebra	309	Gr. 9-12
41	Jumping Frogs and Games Oh MY!	300	Gr. 6-9
17	Introduction to the TI-Nspire	207	Gr. 7-12
38	Trick Students into Practicing. They Won't Want to Stop	307	Gr. 7-12
34	Get NSpired!	209	Gr. 9-12
23	SmartBoards in the Math Classroom	Lab 1	Gr. 7-12
6	Integrating TI-SmartView and SMART Board to Increase Student Engagement	Lab 2	Gr. 7-12
Session 2			
1	Shape Up! An Introduction to functions using Lists and Scatter Plots	305	Gr. 9-12
35	Two Sizes Too Small!! Solving the Grinch Task with TI-Nspire	205	Gr. 7-12
44	Using the TI-73 in the Middle School	209	Gr. 6-8
18	Content vs. Concepts	203	Gr. 7-12
17	Introduction to the TI-Nspire	207	Gr. 7-12
14	Introduction to Cabri Jr	309	Gr. 7-12
40	Introduction to Smart Response System (Senteo)	305	Gr. 7-12
26	TI-89 in Pre-calculus and calculus	307	Gr. 9-12
28	Fun with SmartBoard: Toolkit 2.0	Lab 1	Gr. 7-12
24	Using Autograph in Algebra 2 and PreCalculus	Lab 2	Gr. 9-12
Session 3			
3	Using TI Nspire Navigator to Maximize Effective Use of Class Time	203	Gr. 9-12
16	Incorporating TI-Nspire in an Inclusion Classroom	307	Gr. 7-12
2	Using the Inequality App on the TI 84+ to connect Algebra to Geometry	305	Gr. 9-12
43	An Nspired Look at Geometry	309	Gr. 9-12
15	Differentiated Instruction for the Low-Level Math Learner	209	Gr. 7-12
37	Putting Life into the Science and Math Classrooms	205	Gr. 7-12
39	Leave Your Books in Your Lockers	300	Gr. 9-12
20	Using Wikis, Screencasts, and other Web 2.0 Tools to Enhance Instruction	Lab 1	Gr. 7-12
29	Using Technology, A Veteran Teacher Learns to Become Better	Lab 2	Gr. 9-12
Session 4			
22	Technology in the Standards Based Classroom	205	Gr. 7-12
13	Intermediate Cabri Jr	307	Gr. 7-12
19	The New TI Math Print Operating System	309	Gr. 9-12
30	The TI-84 in the Algebra 2 Classroom	300	Gr. 9-12
8	TI Nspire Navigator, a tool to increase student engagement	203	Gr. 7-12
12	What Can the TI-84 Plus 2.53 MP Operating System Do For You?	305	Gr. 7-12
27	Statistics on the TI-84	307	Gr. 7-10
23	SmartBoards in the Math Classroom	Lab 1	Gr. 7-12
25	Sketchpad in the Geometry Classroom	Lab 2	Gr. 7-12

Salem State College

Collaborative Project for Mathematics, Science and Interdisciplinary Education

Purpose

The primary objective of the organization shall be to facilitate a general improvement in science and mathematics education and their application in other content areas by means of the exchange of information, ideas, and skills to enhance the professional level of educators and thereby the education of students.

Executive Board

Ricki Shanklan	Chairperson	Lynnfield Middle School
Lorraine DeAmato		St. Mary's High School, Inc.
Tim Pinowar		Billerica High School
Michael Hashem		Saugus High School
Mildred Hoover		Salem State College
Deb Kwiatek		Reading Public Schools

Collaborative Staff

Jim Kearns	Executive Director
Jim Terlizzi	Coordinator of Programs
Robert Simons	Webmaster
Robert Simmons	K-6 Math/Science Coordinator
Scott Gordon	9-12 Science Coordinator
Karen Ellis	7-12 Mathematics Coordinator

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Collaborative Project for Mathematics, Science and Interdisciplinary Education

Member Schools and School Districts for 2010-2011

Arlington Catholic	North Reading Public Schools
Beverly Public Schools	Odyssey Day School
Billerica	Our Lady of the Assumption
Bishop Fenwick	Peabody Public Schools
Chelsea Public Schools	Pentucket Regional School District
Clark School	Reading Public Schools
Danvers Public Schools	Salem Public Schools
Glen Urquhart	Salem Academy
Hamilton-Wenham Regional Schools	Saugus Public Schools
Immaculate Conception Newburyport	SEEM Collaborative
Immaculate Conception Revere	St. John the Baptist School
Lynn	St. John's Prep
Lynnfield	St. Joseph's
Manchester-Essex Regional Schools	St. Mary's of the Annunciation
Melrose Public Schools	St. Mary's High School, Inc.
Mt. St. Joseph Academy	Triton Regional School District
Newburyport Public Schools	Wakefield Public Schools
	Wilmington Public Schools
	Woburn Public Schools