

Teaching and Learning in the 21st Century

The Marlborough Conference Center
280 Locke Drive
Marlborough, MA

May 1, 2010
9:00am - 3:00pm



8:15 - 9:00am

Continental breakfast & networking

9:00 - 9:10am

Welcome

9:10 - 10:30am

Keynote - Will Richardson (1 hour)
Questions - 20 minutes

10:30 - 10:45am

Break

10:45am - 12:00pm

AM breakout sessions:

- *Conversation with Will Richardson*
- *Excelling, Graphing, and Real-Life Mathing!*
Joel Bradford/Physics and Andrew Hollins/Math, Natick H.S. Teachers
- *Capturing lessons! Incorporating Document Projectors into Your Classroom*
Mary Liscombe, Director
Christa Corrigan McAuliffe Center/NASA Challenger Learning Center
Framingham State College Pre-service Teacher Interns: Christina Cheli,
Emma Fortin, and Lauren Parlato
- *Future Success of Our Students*
Annamaria Schrimpf, President, MassCUE, and Director of Educational
Technology at Winchester Public Schools

12:00 – 12:45pm

Lunch – networking

12:45 – 2:00pm

PM Breakout Sessions:

- *Conversation with Will Richardson*
- *Resource Tool (Thinkfinity) to Assist with Teaching and Learning in the 21st Century*
Andrea Gardner, Verizon Thinkfinity Certified Trainer
Instructional Technology Specialist
- *Excelling, Graphing, and Real-Life Mathing!*
Joel Bradford/Physics and Andrew Hollins/Math, Natick H.S. Teachers
- *Capturing Lessons! Incorporating Document Projectors into Your Classroom*
Mary Liscombe, Director, Framingham State College
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2:00 – 2:15pm

Break

2:15 – 3:00pm

Panel discussion: *Making it Happen Now!*

Moderator: Dr. Patricia Hamblett, Framingham State College Instructor and
Educational Consultant
Cheryl Chase, Framingham State College Instructor and Librarian/Media
Specialist, Dover Public Schools
Romeo Marquis, Learning Curve Consortium Worldwide, Inc.
Andrea Pickles, Framingham State College, Director of Academic Technology
William Rigney, MA Science and Engineering Fair, Inc. and Science and
Technology/Engineering Coordinator, Gr. 6-12, Marlborough Public
Schools
Robin Robinson, Framingham State College, Director of Distance Education

3:00pm - Close



Excelling, Graphing, and Real-Life Mathing!

In this presentation, Andrew will share how his summer internship at Raytheon has helped him encourage students to pursue engineering careers. In anticipation of this year's World Cup, he will also demonstrate how a quadratic model can be used to describe a soccer goal. Joel will demonstrate how Excel can be used to provide students with a visual picture of quantitative data. Come learn about how 3-D plots can help students visualize difficult invisible properties like electric fields as sloping hillsides!

Joel Bradford/Physics and Andrew Hollins/Math, Natick H.S. teachers

Future Success of Our Students

Global presence and 21st century skills for our students today are a necessity and we have a responsibility to ensure our students are prepared for their future endeavors. This presentation will give you insights that will prepare your students for success. What are the expectations that potential employers want from your students? What are the necessary skills they must possess? How can we engage students in our courses? Attendees will walk away with instructional guidance and insight into being a facilitator for the 21st century student.

Annamaria Schrimpf, President, MassCue

Director of Instructional Technology Winchester Public Schools

Capturing Lessons! Incorporating Document Projectors into Your Classroom

Framingham State Pre-service Teachers in the McAuliffe STEM internship program have been creating lessons using various technologies including document projectors. The interns have been designing some very interesting and creative ways to integrate this tool into classroom lessons. Come and share their enthusiasm as they share their ideas!

Mary E. Liscombe, Director, Framingham State College

Christa Corrigan McAuliffe Center/NASA Challenger Learning Center

Framingham State College Pre-service Teacher interns: Christina Cheli, Emma Fortin, Lauren Parlato

Afternoon session only --

Resource Tool to Assist with Teaching and Learning in the 21st century

This hour session will introduce you to Thinkfinity.org which is the cornerstone of Verizon Foundation's literacy, education and technology initiatives. Our goal is to improve student achievement in traditional classroom settings and beyond by providing high-quality content and extensive professional development training. This free, comprehensive digital learning platform is built upon the merger of two acclaimed programs Verizon MarcoPolo and the Thinkfinity Literacy Network.

Andrea Gardner

Verizon Thinkfinity Certified Trainer

Instructional Technology Specialist