



TEACHERS TEACHING WITH
TECHNOLOGY

April 17 – 18, 2009



Teachers Teaching with Technology

Instilling Improved Instruction

Friday, April 17, 2009

Vendors will be available from 12:00 PM – 5:00 PM in the HUB of the Library Building. Please stop by to see what new products and services are available to assist teachers teaching with technology.

Beginning at 12:00PM	Registration	Administration Bldg Lobby
12:00 PM – 1:00 PM	Reception	Administration Bldg 204 (A204)
1:00 PM – 2:30 PM	Session 1 (90 minutes)	
2:45 PM – 3:30 PM	Session 2 (45 minutes)	
3:30 PM – 4:00 PM	Refreshments	Administration Bldg 204 (A204)
4:00 PM - 5:30 PM	Session 3 (90 Minutes)	
Dinner and Evening on your own.		
5:30 PM	OhioMATYC	Administration Bldg 204 (A204)
	Business Meeting & Pizza	

Saturday, April 18, 2009

Vendors will be available from 8:00 AM – 2:15 PM in the HUB of the Library Building. Please stop by to see what new products and services are available to assist teachers teaching with technology.

Beginning at 7:30 AM	Registration	Administration Bldg Lobby
7:30 AM – 9:30 AM	Continental Breakfast	Administration Bldg. 204 (A204)
8:15 AM – 9:00AM	Session 4 (45 minutes)	
9:15 AM – 10:45 AM	Session 5 (90 minutes)	
11:00 AM – 11:45 AM	Session 6 (45 minutes)	
11:00 AM – 1:00PM	Lunch	Administration Bldg 204 (A204)
11:45 AM – 12:30 PM	Dedicated Exhibitor Time	HUB
12:30 PM – 2:00 PM	Session 7 (90 minutes)	
2:00 PM	Refreshments	Administration Bldg 204 (A204)
2:15 PM – 3:45 PM	Session 8 (90 minutes)	
4:00 PM – 4:30 PM	Closing Session	Auditorium Building
	<i>(Door Prizes Awarded)</i>	

PROGRAM SESSIONS

FRIDAY, APRIL 17, 2009

Session 1: Friday 1:00 PM – 2:30 PM (90 minutes)

What's New with SmartView, and Why I Nspire

S105

Sean Bird, Covenant Christian High School

Use educational technology more effectively. Come for the demonstration of the technology that you use and stay for a description of what is now available to help students deepen their understanding and make connections. New features of TI-SmartView 3.1 and TI-Nspire 1.6 will be explained.

Academic Level: 6 -8, 9 - 12, College/University

Topic Area: General Math, Algebra I, Algebra 2, Geometry, Calculus, General Science, Physics

Tech Focus: TI-83/84 Plus, Silver Edition, TI-Nspire Navigator, TI-SmartView, TI-Nspire, TI-Nspire Applied Science

Tech Level: Beginner/Intermediate/Advanced

Spice Up Your Statistics course with Activities and Technology

A309

Robert Chaney and Ed Gallo, Sinclair Community College

Participants will work in groups on hands-on, industry verified activities. See how Hershey™ Kisses, paper helicopters, and real data from industry and the internet can be used to create activities that, not only motivate students to learn, but also help prepare them for the work place. Handouts including activities from a recent workshop sponsored by The Consortium for the Advancement of Undergraduate Statistics Education (CAUSE) will be provided to participants.

Academic Level: 9 - 12, College/University, Pre-Service Instruction

Topic Area: Statistics

Tech Focus: Excel

Tech Level: Beginner

Using the Transformation App of the TI-84 Calculator

AUD

Deb Nutt, Celina High School

Participants will learn about and use the transformation app found on the TI-84 calculator. Make scatter plots and find prediction equations with classroom ready activities using real world data to model linear, quadratic and exponential functions.

Academic Level: 6 – 8, 9 - 12, College/University, Pre-Service Instruction

Topic Area: Middle Grades Math, General Math, Algebra I, Algebra 2, Pre-Calculus

Tech Focus: TI- 83/84 Plus, TI-83/84 Plus, Silver Edition

Tech Level: Beginner

TI-Nspire Navigator in the Algebra Classroom

S411

Douglas Roberts, Franklin Heights High School

We will see how to improve student learning and performance using the new TI-Nspire Navigator system. This session will allow us hands on opportunity to use the new wireless system and TI-Nspire Applied Science handhelds.

Academic Level: 9 - 12

Topic Area: Algebra I, Algebra 2, Pre-Calculus

Tech Focus: TI-Nspire Applied Science, TI-Nspire Navigator

Tech Level: Beginner

Using Technology to Explain the Difference Between Series & Sequences

S106

Beryl Stemen, Owens Community College

This presentation will use the TI-83/84 calculator to explain the difference between series and sequences. It will help Calculus and Finance students to understand the differences using visualization by graphing and by using the tables.

Academic Level: 9 - 12, College/University

Topic Area: Calculus, Finance, Engineering, Engineering Technology

Tech Focus: TI- 83/84 Plus, TI-83/84 Plus, Silver Edition

Tech Level: Intermediate/Advanced

Session 2: Friday 2:45 PM – 3:30 PM (45 minutes)

Use of Smartboard in Teaching Science

S112

Nicholas Abel, University of Cincinnati – College of Applied Science

I have recently started teaching physics using smartboard software. This lecture will share insights about teaching using smartboard. Specifically, I will focus on tips for lecture development, use of internet, colors and graphics, issues to avoid, and problem solving which may be useful for current or future users of smartboard.

Academic Level: 9 - 12, College/University

Topic Area: Physics, General Science

Tech Focus: Smartboard

Tech Level: Beginner

Mad Cow Disease: A Logistic Function

S116

Lois Childers, Seton High School

Through a classroom activity about the spread of the Mad Cow disease, students can learn about the properties of the graphs of logistic functions and the connections to the general form of the logistic function. Data collected in class is analyzed in the TI-Nspire Applied Science.

Academic Level: 9 - 12

Topic Area: Pre-Calculus

Tech Focus: TI-Nspire Applied Science

Tech Level: Beginner

Unlocking Applications of the TI-84 Plus

S105

Greg Faulhaber, Cincinnati Country Day School

The purpose of this session is to demonstrate three built-in applications that are already included on the TI-84: 1) Finance – Application used during any lesson on exponential growth, 2) Inequalz – Application used to assist with graphing inequalities, especially linear programming, 3) Transfrm – Application used when teaching any form of transformations.

Academic Level: 6 – 8, 9 - 12, College/University

Topic Area: Middle Grades Math, Algebra I, Algebra 2, Pre-Calculus, Calculus, Bus./Finance

Tech Focus: TI- 83/84 Plus w/Apps menu, TI-83/84 Plus, Silver Edition w/Apps menu

Tech Level: Intermediate

