

*TI-84+ Graphing Calculator Workshop*  
for the Springfield Public Schools  
June 22 – 24, 2005

**AGENDA**

**Day 1: June 22, 2005**

8:00 – 9:30	<b>Getting to Know Your Calculator</b> Discuss how to use certain features, navigate the menus & graph basic functions
9:30 – 11:15	<b>Activities with Linear &amp; Quadratic Functions</b> Discuss the <i>Explorations</i> series of workbooks and web resources Time vs. Distance Graphs, The Milling Machine Experiment, Bouncing Ball Lab
11:15 – 12:15	<b>Lunch Break</b>
12:15 – 1:00	<b>Order of Operations and Use of Calculator Variables</b> Discuss computing compound interest, algebraic expressions, etc.
1:00 – 2:00	<b>Introduction to Apps</b> Transformations, Prob Sim

**Day 2: June 23, 2005**

8:00 – 10:00	<b>Linear &amp; Quadratic Regression on the Calculator</b> Standing vs. Kneel Height with TI-Navigator
10:00 – 11:00	<b>A Little Statistical Exploration</b> Permutations, Combinations, One Variable Statistics, Box-and-Whisker Plots
11:15 – 12:15	<b>Lunch Break</b>
12:15 – 1:15	<b>More on Apps</b> Inequalz, PolySmlt
1:15 – 2:00	<b>Demonstration of TI SmartView</b> (as time allows)

**Day 3: June 24, 2005**

8:00 – 11:15	<b>TI Navigator 2.0 Demonstration with Activities</b> Discuss Quick Poll, Screen Capture, Activity Center, Learn Check and Class Analysis Demonstrate the use of keyboards with the graphing calculator.
11:15 – 12:15	<b>Lunch Break</b>
12:15 - 1:15	<b>Question &amp; Answer Period, Audience Choice</b> Participants will be given the opportunity to ask questions and/or choose another math topic for group to explore.
1:15 – 2:00	<b>Implementing Use of Calculator Programs</b> (as time allows) Demonstrate programs such as quad formula, binomial expansion, etc.