

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

AGENDA

Day 1: June 22, 2005

8:00 – 9:30	Getting to Know Your Calculator Discuss how to use certain features, navigate the menus & graph basic functions
9:30 – 11:15	Activities with Linear & Quadratic Functions 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	Lunch Break
12:15 – 1:00	Order of Operations and Use of Calculator Variables Discuss computing compound interest, algebraic expressions, etc.
1:00 – 2:00	Introduction to Apps Transformations, Prob Sim

Day 2: June 23, 2005

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

Day 3: June 24, 2005

8:00 – 11:15	TI Navigator 2.0 Demonstration with Activities 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	Lunch Break
12:15 - 1:15	Question & Answer Period, Audience Choice Participants will be given the opportunity to ask questions and/or choose another math topic for group to explore.
1:15 – 2:00	Implementing Use of Calculator Programs (as time allows) Demonstrate programs such as quad formula, binomial expansion, etc.