



Getting Started with TI-Nspire™ Apps for iPad® in High School Mathematics

Available in 1-, 2- and 3-day configurations

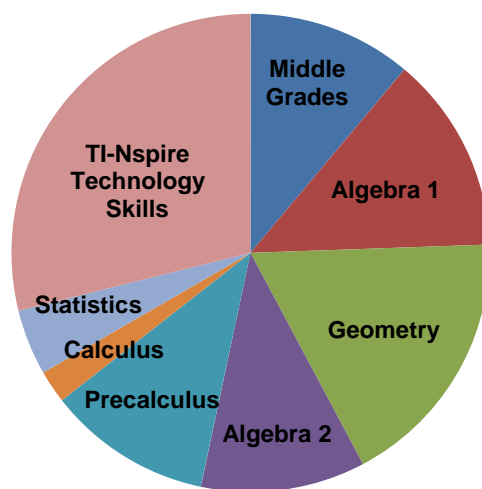
Technology Usage

- Audience:** Educators looking to learn a wide range of functions and features of the TI-Nspire™ Apps for iPad® for the high school mathematics classroom.
- Technology:** TI-Nspire™ Apps for iPad® and TI-Nspire™ Teacher Software.
- Overview:** This workshop focuses on appropriate usage of the TI-Nspire Apps for iPad and Teacher Software, with an emphasis on numeric, algebraic, geometric, and statistical functionality through dynamic, interactive lessons across the high school mathematics curriculum

Workshop Objectives:

1-day	Overview of the TI-Nspire Apps for iPad, including general calculator, graphing, and statistical functionality; exploration of interactive lessons with premade student questions.
2-day	Additional coverage of the TI-Nspire Apps for iPad, including features for modeling with multiple representations; introduction to basic features of the Teacher Software.
3-day	Deeper emphasis on classroom applications, with opportunities for differentiation based on educators' needs; addresses content from the subjects and units indicated below.

Middle Grades:	Expressions & Equations, Functions, Geometry, Statistics & Probability
Algebra 1:	Linear Functions, Linear Systems, Functions & Relations, Quadratic Functions, Exponential Functions
Geometry:	Triangles, Similarity & Proportion, Right Triangles & Trig, Circles, Perimeter & Area, Transformational Geometry
Algebra 2:	Functions, Quadratics, Systems of Equations & Inequalities, Polynomials
Precalculus:	Functions & Graphs; Rational Functions; Trigonometry; Applications of Trig.
Calculus:	Fundamental Theorem
Statistics:	Describing Bivariate Data



Sample Lesson: *You Are What You Eat!*

- Objective:** Develop a linear model to predict the number of calories in fast food hamburgers when given the number of grams of fat; interpret the slope of a line in this context.
- Technology Skills:** Construct a scatter plot to investigate patterns of association; informally model a linear relationship by transforming a line of best fit; calculate a regression equation