Implementing Formative Assessment with TI-Nspire™ Navigator™ – Next Steps for Intermediate Users

Available in 1-, 2- and 3-day configurations *Instructional Practice*

Audience: Educators who want to implement formative assessment techniques in their middle grades and high school mathematics classrooms with the TI-Nspire Navigator System.

Technology: TI-Nspire™ CX handhelds and TI-Nspire™ CX Navigator™ System

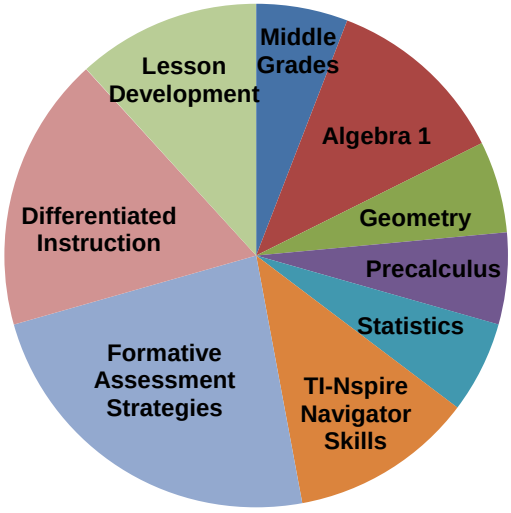
Overview: Designed for intermediate-level TI-Nspire Navigator users, this workshop models formative assessment techniques to accurately assess student understanding at key points in a lesson, with an emphasis on effective responses to enhance student learning.

Workshop Objectives:

1-day	Introduction to formative assessment, including sample lessons that provide opportunities to identify formative assessment in action; introduction to differentiated instruction, with analysis of sample lessons that provide students differentiated tasks based on readiness.
2-day	Additional modeling of classroom applications, with discussions of strategies for anticipating and responding to student thinking; learn to storyboard a lesson by planning formative assessment opportunities and modifications at key points during instruction.
3-day	Participant presentations of lesson storyboards and formative assessment techniques; discussion of effective questioning strategies; reflection on the role of technology in formative assessment; addresses tasks from the subjects and units indicated below.

Middle Grades: Functions, Statistics & Probability
Algebra 1: Equations, Linear Functions
Geometry: Quadrilaterals & Polygons
Algebra 2: Systems of Linear Equations & Inequalities
Precalculus: Trigonometry
Statistics: Displaying & Describing Univariate Data

Special emphasis is placed on making decisions when facing turning points during a lesson, including deciding what to do when students struggle with a given concept.



Sample Lesson: *Algebra 1 Lesson Snippet*

Objective: Use a Quick Poll to assess understanding of slope. Based on the results, identify two levels of understanding & provide differentiated tasks according to readiness.

Discussion Questions: What would you do if only half of the class gets the initial problem correct? How could you modify this lesson further to best meet your students' needs?