



# Lesson and Assessment Design with TI-Nspire™ Technology

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

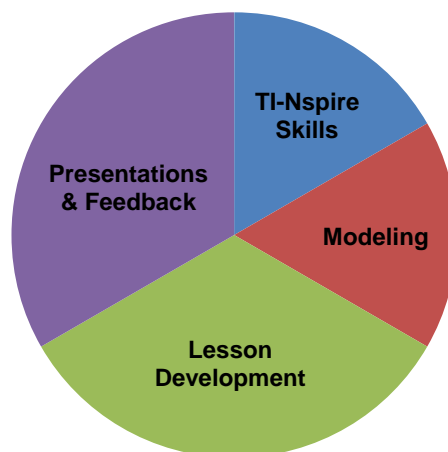
Instructional Practices

- Audience:** Educators who have attended a previous TI-Nspire workshop who want to design technology-enhanced lessons and formative assessments using TI-Nspire technology.
- Technology:** TI-Nspire™ CX handhelds and TI-Nspire™ Teacher Software.
- Overview:** This workshop focuses on using and modifying existing TI-Nspire documents to design and implement lessons that embed peer-to-peer discourse and formative assessment to help students calibrate their understanding.

## Workshop Objectives:

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| 1-day | Introduction to lesson and assessment design through model TI-Nspire activities, with opportunities to create formative assessment questions; discussion of how to modify an existing TI-Nspire document, with strategies for adding, removing, and adjusting pages. |
| 2-day | Additional investigation of model TI-Nspire documents, including techniques for adding dynamic content; discussion of how to plan and share a lesson via Google docs; opportunities to design and develop a lesson with embedded formative assessment.               |
| 3-day | Group presentations of TI-Nspire lessons and assessments, with class feedback and coaching following each presentation; debrief and revisit workshop goals, with additional opportunities to refine lessons and assessments based on feedback and coaching.          |

- TI-Nspire Skills:** Technology skills are explored in the context of Middle Grades Math, Algebra 1, Geometry, Algebra 2, Precalculus, & Calculus.
- Modeling:** Model TI-Nspire lessons provide opportunities to examine and create formative assessment questions.
- Lesson Development:** Modify an existing TI-Nspire document to design and develop a lesson that includes formative assessment.
- Presentations & Feedback:** Present TI-Nspire lessons and assessments with teams; refine based on peers' feedback and coaching.



## Sample Lesson: *Equivalent Fractions*

- Objective:** Analyze a previously constructed TI-Nspire document to identify the goal of the lesson and determine leveled learning progression for formative assessment.
- Key Questions:** What is important for students to learn? How will we know if they have learned it? What will we do if they haven't? What will we do if they have?