Hitting the Slopes with the TI-Nspire

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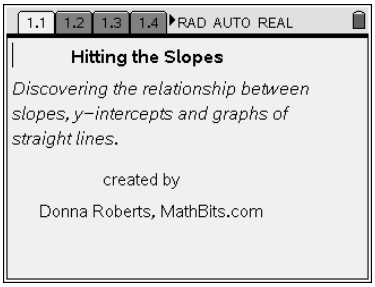
Materials:	**Classroom setup:**
• TI-Nspire™ (non-CAS) • HitTheSlope.tns • Hitting the Slopes Nspire.pdf • TI-Nspire™ Software (for editing) **Level:** Algebra 1	• Students may use this activity with ONLY the worksheet and their TI-Nspire, or … • Students may use this activity with BOTH the worksheet and the .tns file. • Some familiarity with the calculator is assumed

Using the files:

Choose which is best for your students:

1. The worksheet (*Hitting the Slopes Nspire.pdf*) may be used without the accompanying .tns file. If you feel that your students are not ready to utilize .tns files, the worksheet alone will be a good introduction to the investigative capabilities of the Nspire. It requires the students to use the TI-Nspire to investigate rotating and translating lines with basic instructions included.



2. The worksheet, in conjunction with the .tns file, is a more in-depth activity. Students maximize their exposure to both the concepts of slope and to the capabilities of their calculators.

HitTheSlopes.tns