

1077-VI-2932      **Kimberly Arp\*** ([kim.arp@cabrini.edu](mailto:kim.arp@cabrini.edu)), 610 King of Prussia Rd, Radnor, PA 19087, and **Ellen Panofsky**, 610 King of Prussia Rd, Radnor, PA 19087. *Motion Sensor Activities for Middle School Algebra*.

Too often algebra concepts seem abstract to middle school students. Combining graphing calculators with motion sensors can help bring life to these concepts. With funds provided by a Dolciani Mathematics Enrichment Grant and matching funds through the College, we were able to purchase TI-73 graphing calculators and Vernier Motion Sensors for Eisenhower Science and Technology Leadership Academy in Norristown, PA. Over the summer we provided hands on training for the teachers and our college students during a one day workshop. In this talk, we will share several of the activities and the feedback we received. (Received September 23, 2011)