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Charles Buehrle* (cebuehr1@hacc.edu), Mathematics Department, Harrisburg Area Community College, One HACC Drive, Harrisburg, PA 17110. *Commuting: A Sustainability Activity in an Intermediate Algebra Course.*

Getting students excited about mathematics in a developmental course is always difficult. One way to peak their interest is to relate examples to their everyday life and to their place in the world. This single class period activity has the students look up data, use unit conversions, and compare rates of quantities to draw conclusions. The students are asked to investigate the cost, carbon output, and time of their commute to and from school and a more ecologically conscious alternative. We will be presenting the reactions and results of using this project in an intermediate algebra classroom. (Received September 17, 2013)