

1056-G1-534      **Pamela G Coxson\*** (coxson@speakeasy.net), 25 Fair Oaks Street, San Francisco, CA 94110.  
*Introducing Linear Algebra to Middle School Students.* Preliminary report.

A six week course of half hour sessions before school was used to introduce the ideas of linear algebra to middle school students. The course developed concepts in the context of two concrete examples: digital animation and dynamic population models. The course was not intended to be comprehensive, but rather to give students a taste of the usefulness of linear algebra for the conceptualization as well as implementation of solutions to problems in contemporary applications. It is conjectured that familiarity with concrete situations such as these will increase interest and motivation for subsequent courses in linear algebra. (Received September 11, 2009)