

1086-VP-1185      **Spencer O Sims\*** (ssims@laadventistacademy.com), 846 E El Segundo, Los Angeles, CA 90245, and **Kahmya McAlpin**, 846 E El Segundo, Los Angeles, CA 90245. *Using Computer Programming to Teach High School Mathematics*. Preliminary report.

This presentation is a result of a study to answer the following question “can computer programming be used to teach mathematical concepts to high school students?” We highlight various ways that the use of computer programming languages such as C++ and Javascript can impact the learning of certain mathematical concepts in a high school environment. We then consider ways that teachers can use concepts from computer programming to enhance the student’s acquisition of knowledge. (Received September 19, 2012)