



**CALIFORNIA STATE SCIENCE FAIR
2014 PROJECT SUMMARY**

Name(s) Minkyung Kim	Project Number 34576
Project Title Speed of Waves on Strings	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The objectives of this experiment is to calculate the velocity of a standing sinusoidal wave and to investigate the relationship between number of nodes and wavelength.</p> <p>Methods/Materials Different kinds of strings and different masses (tensions), generator, pulley, and vibrator are used in this experiment.</p> <p>Results Results include the datas of theoretical and empirical velocities, wavelength, frequency, tension, number of nodes, and mu of the waves on the strings.</p> <p>Conclusions/Discussion Conclusions conclude that there is discrepancy between the theoretical and empirical velocity, and will explain the reason.</p>	
Summary Statement My project is about the Speed of Waves on Strings.	
Help Received worked in Ribet Academy's physics and chemistry laboratory.	