

Abstract Submitted
for the TSS08 Meeting of
The American Physical Society

Vibrational Modes on a PASCO Track KEN TAYLOR¹, Lake Highlands High School, GEOFF DUNHAM², AUSTIN LEVINTON³, CAMERON TYLER-VANN⁴, Lake Highlands High School — Several experiments with carts on a track in which various modes of vibration are possible are described. Systems consisting of one, two and three masses (and springs) are studied. The investigations include representative samples of resonance curves. The driving force is supplied by a PASCO harmonic oscillator/driver.

¹Physics Teacher

²AP Physics-C Student

³AP Physics-C Student

⁴AP Physics-C Student

Ken Taylor
Lake Highlands High School

Date submitted: 15 Feb 2008

Electronic form version 1.4