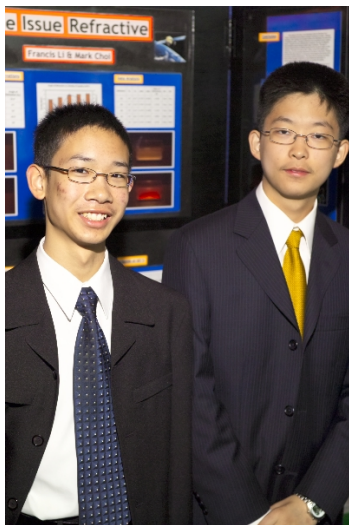


CWSF 2005 - Vancouver, British Columbia



Mark Choi, Francis Li

The Refractive Issue

Division: Physical & Mathematical Sciences

Category: Intermediate

Region: Toronto

City: Toronto, ON

School: Winfields Junior High School

Abstract: This project investigates the effect of density on the propagation of light through liquids. Experiments involved sending coherent electromagnetic waves through different mediums at a specified angle of incidence. Data analysis indicated an erratic relationship between density and angle of refraction, attributable to the unique molecular structure of each substance.