

CWSF 2006 - Saguenay, Québec



Alice Jourmel

Gas Identification Using a Resonance Tube

Division: International

Category: Intermediate

Region: Vancouver Island

City: Duncan, BC

School: Frances Kelsey Secondary

Abstract: This project used a resonance tube designed and built by the student to create and identify resonance frequencies in three gases, the purpose of which was to determine the molecular masses of the gases as a means of identification. The gases used were balloon helium, welding oxygen and carbon dioxide.

Awards	Value
CAP Physics Prize - Intermediate Sponsor: Canadian Association of Physicists	\$250
Total	\$250