



CWSF 2006 - Saguenay, Québec



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Mach 1: The Speed of Sound

Division:InternationalCategory:IntermediateRegion:Central AlbertaCity:Eckville, AB

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Abstract: The purpose of this project was to calculate the speed of sound in air using

the principle of acoustical resonance, a tuning fork, and a pipe with one open and one closed end. The speed of sound was found to be 336.5 meters per second, a very reasonable calculation considering the altitude

and the temperature of the room the experiment took place in.



