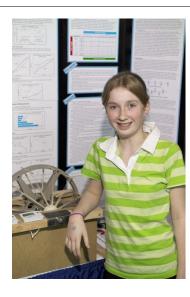




CWSF 2005 - Vancouver, British Columbia



Becky Pritchard

The Hottest Band in Town

Division: Physical & Mathematical Sciences

Category: Junior

Region: Northern Manitoba **City:** Thompson, MB

School: Ecole Riverside School

Abstract: Following a literature search and a series of mini-experiments, I attempted

to design, build and optimize an engine powered by the elastic and thermodynamic properties of rubber. Unfortunately, due to unidentifiable reasons, no combination of design variables resulted in significant or

sustained function of my rubber band heat engine.

Awards	Value
The University of Western Ontario Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Bronze Medal - Physical & Mathematical Sciences - Junior	\$300
Sponsor: Encana Corporation	
Total	\$1 300



