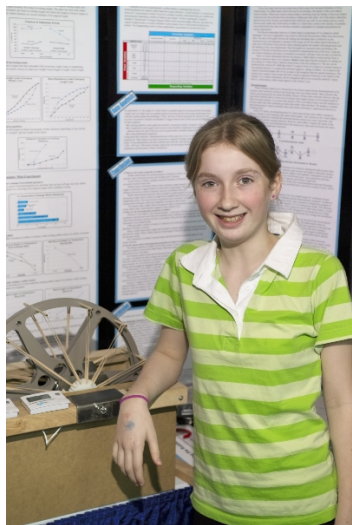


CWSF 2005 - Vancouver, British Columbia



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