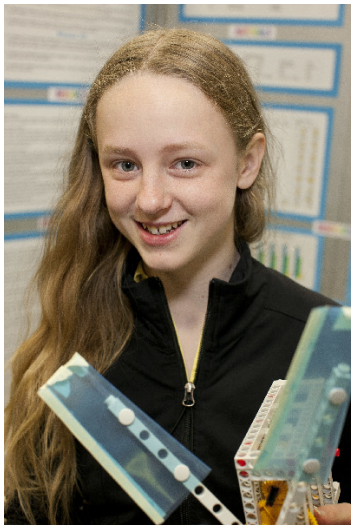
CWSF 2011 - Toronto, Ontario



Catch the Windy Wave to $ave! Phase Two

Challenge: Energy
Category: Intermediate
Region:
City: ,
School:
Abstract: This project examined the effectiveness of wind turbines by testing eleven independent variables to optimize revolutions per minute (rpm) and voltage produced. These findings were then applied to an innovative car wind turbine design that would power a second battery, which powers interior electronics thereby lessening the strain on electric car batteries and eliminating idling emissions. This reduces the daily emissions of greenhouse gases.

Awards	Value
Challenge Award - Energy - Intermediate Sponsor: Youth Science Canada	$750
Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	$700
The University of Western Ontario Scholarship Silver Medallist - $2000 Entrance Scholarship Sponsor: University of Western Ontario	$2 000
Total	$3 450

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