



CWSF 2005 - Vancouver, British Columbia



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Decreasing Urban Heat Islands

Division: Earth & Environmental Sciences

Category:IntermediateRegion:Calgary YouthCity:Calgary, AB

School: Simon Fraser Junior High School

Abstract: This project experimented with the process of growing plants on rooftops in

large cities. Evapotranspiration by plants decreased the temperature of all model cities. In addition, carbon monoxide levels were lowered by the presence of rooftop gardens. Several species of plants were tested in over

nine experiments.

Awards	Value
The University of Western Ontario Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Bronze Medal - Earth & Environmental Sciences - Intermediate	\$300
Sponsor: Petro-Canada	
Total	\$1 300



