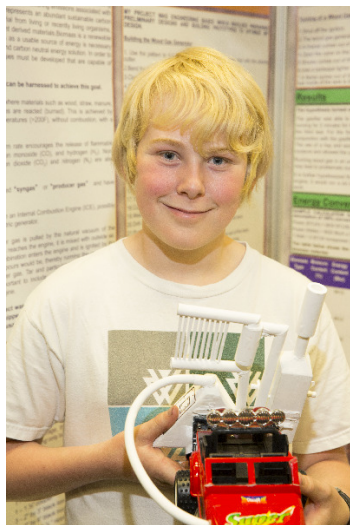


CWSF 2014 - Windsor, Ontario



Wood Fuels My Car

Challenge: Energy

Category: Junior

Region:

City: ,

School:

Abstract: Wood gas downdraft boiler with filtration system that smolders wood pellets producing gas that can be used to run all types of engines. This gasifier is currently being installed on a Volkswagen golf diesel engine with the addition of a hydrogen fuel cell, that will produce low emissions while using a renewable resource.

Awards	Value
Excellence Award - Junior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$100
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 100