

CWSF 2015 - Fredericton, New Brunswick



Tyler Denes

Power Your Car From Your Dinner Table

Challenge: Energy

Category: Junior

Region: Simcoe County

City: Oro-Medonte, ON

School: St. Monica's E.S.

Abstract: Four organic materials were tested for ethanol production, cost effectiveness, combustion ability and compost efficiency. Each material was fermented, distilled and burned. The fermented compost was mixed with plants, so its effectiveness could be compared to regular compost. It was determined, the higher the sugar content in the material, the more ethanol it yielded. The more the ethanol was distilled, the more efficiently it combusted.

Biography

My name is Tyler and I'm in 8th Grade at St. Monica's School in Barrie, Ontario. In my spare time, I play competitive basketball where I have won five consecutive MVP's, and participate in provincial track and field meets. I am also a member of my school's social justice tribe where we work together to raise awareness of global health and equality issues. Last summer I participated in an International Student Exchange program to France, which has made me aspire to travel the world. In high school I hope to participate in an African Missions Trip to Kenya or Ghana. After high school, I plan to pursue studies in health sciences, in the hopes of eventually becoming a surgeon.

Awards

Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000