

CWSF 2010 - Peterborough, Ontario



Lindsay Dimler

Solar Separation II: Enhanced Hydrogen Fuel Production

Division: Biotechnology

Category: Intermediate

Region: Central Interior British Columbia

City: Prince George, BC

School: Westside Academy

Abstract: The purpose of Solar Separation II: Enhanced Hydrogen Production is to see which solution (sulfuric acid or sodium hydroxide) and which electrode (platinum, copper, or graphite) produced hydrogen with the most efficiency, even in the low light levels of a northern climate.

Biography

My name is Lindsay Dimler, I am from Prince George, BC. I enjoy playing classical piano and am currently involved in my grade 8 Repertoire. I am part of a music/drama group called Parables and went on a 2 week trip in La Ceiba, Honduras in March, where we worked at a school with kids, built and repaired bikes, and helped out the families living in poverty. My post secondary/career plans include studying for my BSc and I plan on being a sports physical therapist. This year at my regional fair, I won numerous awards for my project and was selected to participate in CWSF for the second year in a row.

Awards

Value

The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Silver Medal - Automotive - Intermediate Sponsor: AUTO21	\$700
Total	\$2 700