

CWSF 2011 - Toronto, Ontario



Sydney Leah Dorothy Mosaheb

A Hairy Ordeal

Challenge: Health

Category: Junior

Region: Frontenac, Lennox & Addington

City: Kingston, ON

School: King's Town School

Abstract: My Project, I tested if chemical lightening and darkening effects the structure if human hair by using various treaments, such as hair dye, henna and bleach. I then the tested the swatches, using different properties to do with the structure of hair. I tested the Elasticity, Porosiy, Strength, and the appearance under a microscope. In Conclusion I researched why and how the changes happened.

Biography

My name is Sydney Mosaheb and I am in Grade 7 at King's Town School. I am thirteen years old and live in Kingston with my parents and my younger sister. I really enjoy school and my favourite subjects are Math, Science, English and Art, and I am a high achiever. I also participate in all school sports such as basketball which is my favourite sport as well as volleyball, and track and field. I have a love for music; I sing in a renowned choir and play the alto saxophone. I have my junior lifeguarding certificate, and I have participated in Science fair for the past three years this year being my third, I really do enjoy it. I am planning to go to university further my studies in the Science field and have a career as a dentist or a General Practitioner. What I learned from my project was if you chemically treat your hair it will damage and alter the structure in many different ways.

Awards

Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Total	\$1 300