

CWSF 2012 - Charlottetown, Prince Edward Island



Sarah Sheppard, Alison Schwenk

Soccer and shoes: the un-toe-ld story

Challenge: Health

Category: Intermediate

Region: Greater Vancouver

City: Vancouver, BC

School: Prince of Wales Secondary

Abstract: Since soccer is the most played sport in the world, we decided to examine the protection of the foot while playing soccer in different shoes. After making our own kicking simulator we tested each shoe using the simulator and measuring the amount of pressure forced onto the toe.

Biographies

Sarah - My name is Sarah Sheppard and I am a grade 9 student at Prince of Wales Secondary in Vancouver, B.C. This is my second time attending the Canada Wide Science Fair and I am very excited to be going back. My life is quite busy, but I manage to make time for things that I am passionate about. My favourite extra curriculars sport activities include playing soccer; which lead to this project concept, swimming with my competitive club the Vancouver Vikings, and playing ultimate with my school and the Vancouver Ultimate League. In my spare time, I enjoy volunteering working with and caring for elderly people as well as playing my cello. An interest...

Alison - My name is Alison Schwenk and I am a grade nine student attending prince of wales mini school. I participated in our school science fair last year and this year chose a project closer to my own interests and was more successful and excited by it. I have been playing soccer my entire life. I also enjoy dancing, baking, running, traveling, volunteering in my community, and the company of my peers. I was inspired to do a project on injury prevention because of my countless injuries as a result of my years playing soccer.

Awards

Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 300