

CWSF 2008 - Ottawa, Ontario



Nicholas Chong

The Slingshot: Improving the Modern Hockey Stick

Division: Health Sciences / None

Category: Junior

Region: Bay Area

City: Dundas, ON

School: Canadian Martyrs E.S.

Abstract: Experiments were performed to determine how a hockey stick's balance altered its ability to transfer energy. An apparatus was designed to swing a stick and strike a wooden rod. Roller bearings were allowed to move within the stick to change the weight distribution as the stick is swung. The travel of the wooden rod was measured. There is an optimum balance for best energy transfer.

Biography

I am in Grade 7 at Hamilton's Canadian Martyrs Catholic Elementary School. I am the second youngest of 5 Chong siblings. All five of us have participated in Science Fairs and I follow my older sister in being fortunate to go to CWSF. I am active in my skiing, hockey, soccer and golf competitions. I am looking forward to my second year being a caddy at the Hamilton Golf and Country Club. I plan to play a lot of golf this summer and will be looking forward to try out for the Wilson Golf Tour.