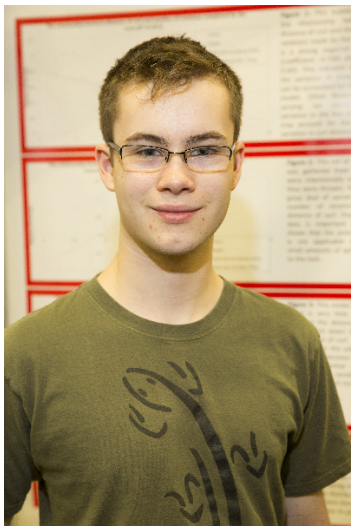
CWSF 2014 - Windsor, Ontario



William Bailey

The Physics Of Curling

Challenge: Discovery
Category: Senior
Region: Greater Vancouver
City: North Vancouver, BC
School: Collingwood School
Abstract: My project explores one of the many possible conundrums under the umbrella of the physics that allow curling to be the fascinating sport it is: how does the number of rotations the rock makes as it travels down the ice affect how far it curls.

Biography
Hi, my name is William Bailey and I am an 11th grade student who attends Collingwood School in West Vancouver B.C. I come from a family background in physics and have always had an interest in the workings of the world. Other than math and science I enjoy taking a wide variety of courses at school such as psychology, human geography, and statistics. I also play badminton for my school and curling outside of it, which is where I got the inspiration for my project. I look forward to potentially have the chance to do another project in future years and I would encourage others to likewise delve into the wonders of the world.

Awards	Value
International Summer School for Young Physicists Award Sponsor: Perimeter Institute for Theoretical Physics	$2 500
Excellence Award - Senior - Bronze Medal Sponsor: Nuclear Waste Management Organization	$100
University of Ottawa Entrance Scholarship Senior Bronze Medallist - $1000 Entrance Scholarship Sponsor: University of Ottawa	$1 000
Western University Scholarship Bronze Medallist - $1000 Entrance Scholarship Sponsor: Western University	$1 000
Total	$4 600