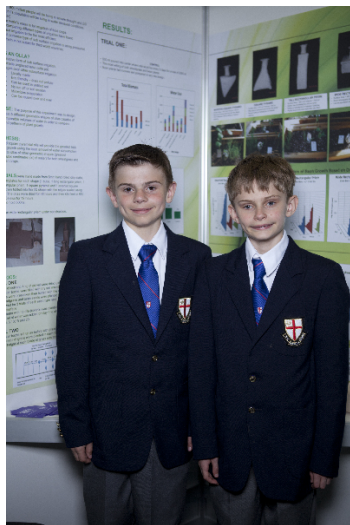


CWSF 2013 - Lethbridge, Alberta



Sean Stothers, William Stothers

How Does Your Olla Grow?

Challenge: Resources

Category: Junior

Region: Greater Vancouver

City: vancouver, BC

School: , St George's School

Abstract: Ollas are hand made terra-cotta jugs buried underground to provide water for plant growth. This experiment designed, built and tested 5 geometric shapes of ollas comparing amounts and patterns of plant growth. Geometry influenced volume and patterns of growth with an inverted pyramid shape being the best. This is important since this design is not commonly used today, but could be adapted in the future.

Biographies

Sean - My name is Sean and I am in grade 7 and attending the Canada wide science fair for the first time with my twin brother William. My older twin brothers Ben and Duncan both competed at Canada Wide in the past and had a wonderful time. I enjoy biology and I am interested especially in penguins. I enjoy playing the piano and the flute. I play the flute in our school band. My favourite sports are downhill skiing and bike riding.

William - Hello. My name is William. I am attending the CWSF for the first time with my twin brother Sean. One of my older twin brothers is also attending this year with the two of us. I really enjoy science. My other interests include playing the piano and the cello. I enjoy the school band and I play percussion. My favourite sport is downhill skiing - the steeper and bumpier the better. In school I enjoy participating in the school theatre.

Awards

Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	\$100
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 100