

## CWSF 2007 - Truro, Nova Scotia



### Kieran Smith

#### Ferrum Corruptur Quod Aer

**Division:** International / None

**Category:** Junior

**Region:** Bay Area

**City:** Dundas, ON

**School:** Hillfield Strathallan College

**Abstract:** Iron oxidation (the rust reaction) can be used to estimate atmospheric oxygen content. Test-tubes containing steel wool with 0-100% oxygen, and helium, were inverted into a tub of water. The height of the water column in each test-tube was measured daily. Water column height correlated directly with oxygen concentration.

#### Biography

I am 13 years old and I live in Dundas Ontario with my mom and dad, two sisters, little brother, dog, and cat. I have attended Hillfield Strathallan College except for the three years I lived with my family in the United Arab Emirates where I went to Al Ain English Speaking School. I was proud to be elected House Captain at school in year 6 (grade 5). In my years away I travelled to Cypress, France, and England, learned some Arabic, and saw many different things than you see in Canada! I also played a lot of hockey since there are many Canadians in UAE and hockey is important. I have been home for 3 years and my hobbies are Warhammer, and paintball. I am a good skier and I play hockey, and I am working on my Bronze Medallion in swimming. I take piano lessons and play the trombone at school. My favourite school subjects are math, science and history, and I like to read. I am looking forward to going to highschool.