

# CWSF 2012 - Charlottetown, Prince Edward Island



## Iain Green

### How Much Is This Going to Hurt? The Effect of Temperature on Paintballs

**Challenge:** Discovery

**Category:** Junior

**Region:** Annapolis Valley

**City:** Kingston, NS

**School:** Pine Ridge Middle School

**Abstract:** The project investigated the effect of temperature on paintballs. Several tests were utilised, including those on energy, accuracy and the dispersion of the paint. Two different manufacturer's paintballs were used and were tested under 3 different temperatures. Paintballs were affected by temperature, but in different ways.

#### Biography

My name is Iain Green and I'm in grade 8 at Pine Ridge Middle School in Nova Scotia. I have entered the science fair every time I could since grade 4, and this is my first time going to the Canada wide fair and I am extremely excited. In my spare time I read a lot and play video games. I play soccer and volleyball, and have been to provincials for both. I also play the trumpet in my school concert band and jazz band. I am not completely sure what I want to do in my future, but I am thinking of either being a writer or a palaeontologist. I thought of the idea for my science fair project because I had just gotten a new paint ball marker and I wanted to do something with it. I would say that to have a good science fair project, you have to do it on something you are really interested in.

#### Awards

#### Value

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