

## CWSF 2009 - Winnipeg, Manitoba



### Drew Swan

#### A Probability Study

**Division:** International / None

**Category:** Junior

**Region:** Central Okanagan

**City:** Kelowna, BC

**School:** Dr. Knox Middle School

**Abstract:** This project examined the reliability of sample sizes. Two dice were thrown 1008 times with the value of the dice being added together after each throw. The results were compared to theoretical probability at regular intervals. It was discovered that it took around 350 throws before the experimental data began to resemble the theoretically predicted data. Another 1080 throws confirmed this finding.

#### Biography

I was born in Northamptonshire England, but moved to Canada with my parents and sister in 2006. My dad is English and my mom is Canadian so I have dual citizenship. I earn extra money by delivering papers three times a week. I love sports and play soccer and rugby and enjoy skiing and golf. I think that I would like a career that is involved with math and science, but I don't know exactly what yet.