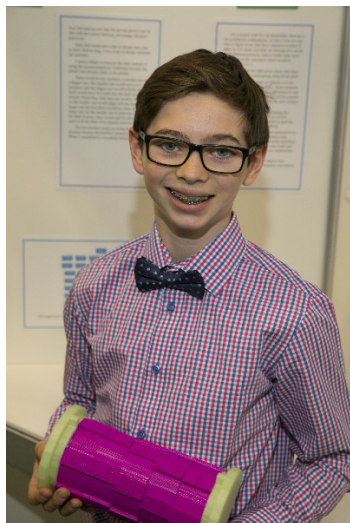


CWSF 2017 - Regina, Saskatchewan



William Carmichael

The Cryptex

Challenge: Innovation

Category: Junior

Region: River Valley

City: Hanwell, NB

School: George Street Middle School

Abstract: The cryptex is a locked container that looks and works like a bicycle lock: you align the dials to open it. Usually, a cryptex can only be opened by inserting a word or a series of numbers, but my cryptex is like a puzzle. On the dials there are fractions, percentages and decimals. To solve it, you must align the equivalent numbers.

Biography

I am twelve years old and attend George Street Middle School, in Fredericton, New Brunswick. I am currently on the school junior varsity volleyball team. I am also a competitive gymnast who is representing New Brunswick in the Eastern Canadian Gymnastics Championships. In my spare time, I enjoy downhill and cross country skiing, mountain biking, doing puzzles and reading.