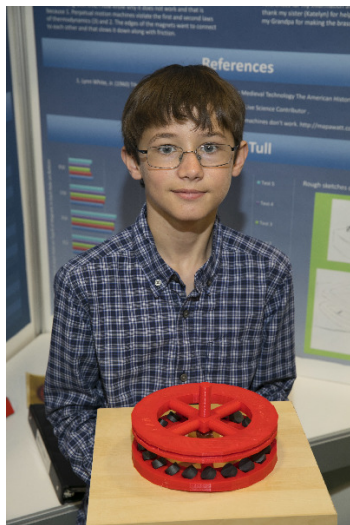


CWSF 2017 - Regina, Saskatchewan



Reid Tull

Perpetual Motion

Challenge: Innovation

Category: Junior

Region: Algoma Rotary

City: Sault Ste. Marie, ON

School: R.M. Moore P.S.

Abstract: For my experiment, I attempted to make a perpetual motion machine that would spin indefinitely. The machine was constructed of two plastic wheels set horizontally with a gap between them. I placed opposing magnets at a 45 degree angle on the wheels so it would in theory spin forever. Unfortunately it did not work, but I learned many things about science along the way.

Biography

Hello, my name is Reid Tull; I'm in grade 8, I live and go to school in Ontario, Canada. My hobbies include: reading books, (hence my name), solving puzzles, and playing piano and violin. At this time I'm not sure what I will do for career, but something in the area of engineering sounds good to me. I did my project on perpetual motion because I saw the idea of perpetual motion on a TV show and thought I could try to make perpetual motion machine myself. In the future, I plan to refine the design of my machine and maybe even entirely redesign the machine. If you are thinking about doing your own experiment in the area of science, try something impossible. Even if it doesn't work, you'll still get a ton of information from it.

Awards

Value

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