

## CWSF 2015 - Fredericton, New Brunswick



### Rachel Cey

#### Mechanics of the Throwing Motion

**Challenge:** Discovery

**Category:** Intermediate

**Region:** Northwest Saskatchewan

**City:** Wilkie, SK

**School:** McLurg High School

**Abstract:** The purpose of my project is to investigate the factors in throwing mechanics that effect speed and accuracy. Using motion tracking and simple math equations on excel I was able to identify the main components accurate and fast throws.

#### Biography

Rachel Kathryn Cey lives in Wilkie, Saskatchewan where she currently attends McLurg High School. She enjoys partaking in various sports including volleyball, basketball, badminton, swimming, softball, and track and field. Along with playing sports, Rachel also participates in voice and music lessons. Her favourite pastimes include reading and playing with her dog Mischa.

#### Awards

#### Value

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