

## CWSF 2019 - Fredericton, New Brunswick



### Kaden Perron

#### Sweet Spot

**Challenge:** Discovery

**Category:** Junior

**Region:** Prairie Valley

**City:** White City, SK

**School:** White City

**Abstract:** My project was about the physics of a baseball bat and the measurement of vibrations. I did this project because I play baseball so I was interested in discovering the sweet spot on a baseball bat. This is important for athletes to know because it can improve their hitting in the game.

#### Biography

My name is Kaden Perron and my passion is sports. I play volleyball, basketball, baseball and hockey. My favourite sports are hockey and baseball so that is why I chose a sport-related topic for my project. At school, I enjoy physical education and science. I came up with the idea for my project because I like baseball and personally was interested in this project. I wanted to know where the sweet spot on the bat is so that I could improve my hitting aspect of the game. Other than sports, I like to do experiments and play video games. I have an older brother who also likes science. I would advise other students doing a project that they should find something that they are passionate about and take the time to explore a concept. In the future, I would like to explore the physics of different objects because physics can apply to many sports and as a result can help athletes improve their game.

Youth Science Canada  
PO Box 297  
Pickering ON L1V 2R4  
[www.youthscience.ca](http://www.youthscience.ca) / [info@youthscience.ca](mailto:info@youthscience.ca)  
416-341-0040