CWSF 2018 - Ottawa, Ontario

Noah Davidson

Got Lift?

Challenge: Discovery
Category: Intermediate
Region: St. James-Assiniboia
City: Winnipeg, MB
School: Collège Sturgeon Heights Collegiate
Abstract: I sought to determine the ideal launch angle for a baseball which would result in the greatest fly ball distance. The ideal angle was found to be thirty degrees and could be explained by a combination of the science of projectiles and a force known as lift. Interestingly, I discovered the impact my findings also have on other sports and on the flight of aircrafts.

Biography

My name is Noah, and I am in grade ten at Collége Sturgeon Heights Collegiate in Winnipeg, Manitoba. Besides competing in science fairs, I love participating in sports. I run marathons, and play hockey and baseball. However, baseball is my favourite sport. Some interests of mine include camping, reading, making videos, and hanging out with friends and family. I enjoy helping my community by volunteering at my local community club. I do well in school, have earned a few academic awards, and enjoy Math and Science. I am taking many I.B. classes, and love Media Production and Aviation. I have competed in science fairs since the third grade. However, since grade five, my focus has been on physics and how it relates to the sports of football, baseball, and curling. This is a perfect inspiration for me since I love both science and sports! As for my project this year, I'd still like to find out if my results would have changed if tested on a baseball in flight. Finally, my advice to future science fair participants would be to simply do a project that you're passionate about, and to enjoy the experience! For me, it's been amazing!