

CWSF 2011 - Toronto, Ontario



Jeffrey Plett

Maple vs Ash

Challenge: Discovery

Category: Junior

Region: Chinook Country

City: Calgary, AB

School: Red Deer Lake School

Abstract: A maple bat and an ash bat were compared to see which one would generate a greater average ball speed. It was tested by hooking up the bats to a batting machine, then measuring the bat and ball speeds using magnets and electromagnetic coils. The ash bat generated more ball speed.

Biography

My name is Jeffrey. I really like to play sports. My favourite sport is baseball. In school I have played on the volleyball team. Some community activities that I take part in are baseball leagues and church youth activities. Some of my favourite interests and hobbies are playing sports, reading, learning how things work and learning about and working with electronics. I am not sure yet about my career plans, but I would like to be an engineer or physiotherapist. Some awards and achievements that I have achieved are winning a runner up trophy in all-stars for my baseball league, making the volleyball team for my school, and winning multiple medals on a soccer team.

Awards

Value

Challenge Award - Discovery - Junior Sponsor: Youth Science Canada	\$500
Excellence Award - Junior - Gold Medal Sponsor: Youth Science Canada	\$1 500
The University of Western Ontario Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: University of Western Ontario	\$4 000
Total	\$6 000