

CWSF 2006 - Saguenay, Québec



Brian Grosskleg

The Perfect Bridge

Division: Health Sciences

Category: Intermediate

Region: Prince Albert & Northeast Saskatchewan

City: Prince Albert, SK

School: Carlton Comprehensive High School

Abstract: This experiment was conducted to determine which bridge design is the best overall, while discovering the techniques used in a real engineering project. I ran a series of tests on the multiple model bridges I constructed. I discovered that a cable-stayed bridge design is the best overall design. I plan to pursue an engineering career, so this project was a great experience.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$300
Total	\$1 300