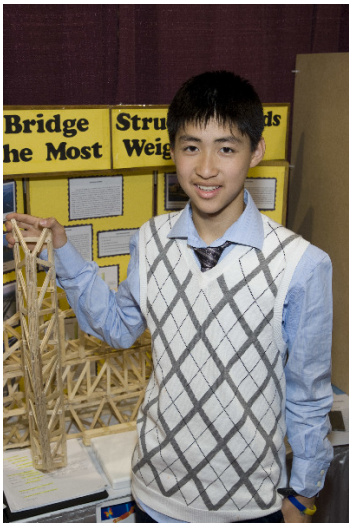


## CWSF 2008 - Ottawa, Ontario



### Phillip Yeung

#### Which Bridge Structure Holds the Most Weight?

**Division:** Health Sciences / None

**Category:** Junior

**Region:** South Fraser

**City:** Surrey, BC

**School:** Westerman Elementary

**Abstract:** My project is about which bridge structure would hold the most weight. I tested the Arch, Warren, Howe and my own custom bridge. I had hypothesized that the Howe would hold the most weight. I did a ratio, so in the end, my hypothesis was proven wrong as the Arch held 76 pounds, while the Howe only held 50 pounds.

#### Biography

My name is Phillip Yeung and am currently attending the school Westerman Elementary. I am an avid sports player; I enjoy all sports. My favorites would be basketball, hockey, and volleyball. A couple months ago, I earned my 1st degree black belt in taekwondo. I am also currently studying grade 9 piano. My other hobby include playing sports with my friends. One of the aspects I like about playing sprots is that I get to develop good teamwork skills. In the future, my goal is to attend the University of British Columbia and become a civil engineer.