

## CWSF 2008 - Ottawa, Ontario



### Talia Woodland

#### Stimulus Strength and Reaction Time

**Division:** Life Sciences / None

**Category:** Junior

**Region:** Yukon/Stikine

**City:** Whitehorse, YT

**School:** Selkirk Elementary

**Abstract:** In this project I tested human subjects on the speed of their reactions compared to the strength of a stimulus. With the help of my dad, I built a machine that would test people's reaction times. I found out that the stronger the stimulus the faster the reaction time.

#### Biography

For a twelve year old girl just finishing grade seven, I'm pretty busy. I take Judo classes every week and love to play sports. I'm on the local rep soccer team and always sign up for the outdoor soccer teams. I also love to snowboard. I'm a breakdancer and I like all sorts of music. Along with listening to music, I play a lot too. I quit violin after I got a silver medal on my grade one R.C.M. exam and moved on to piano, guitar, and for awhile, french horn. Now I've set my sights on drumming. In school, I find the work all pretty easy, but also a little boring. I would much rather spend my time on things like science fair projects, heritage fair projects, and more hands on type things, including putting together small electrical circuits, taking things apart, and working on small construction projects.