

## CWSF 2010 - Peterborough, Ontario



### Sarah Hillock

#### Love Hurts

**Division:** Physical & Mathematical Sciences

**Category:** Junior

**Region:** Simcoe County

**City:** Collingwood, ON

**School:** Mountain View P.S.

**Abstract:** To test different tennis surfaces and it's effects on your knees. Three different court surfaces will be used (Har Tru, Omni and Hard) and a tennis ball will be dropped 30 times. The bounce heights will be recorded. A higher bounce height indicates that the surface is harder on the body and the impact on the knees.

#### Biography

Sarah Hillock is looking forward to going to Collingwood Collegiate Institute next year. She has a deep passion for the sport of soccer closely followed by swimming, snowboard racing and tennis. Since a young age Sarah has participated in a Scottish Country and Highland dancing. Sarah entered her first science fair, 5 years ago with the project Sugar Sticks earning her first silver medal at the Simcoe County Science and Technology Fair. She has also participated in the Canada Wide Virtual Science Fair with great success. One of Sarah's greatest past times is reading, she loves the Harry Potter books and many graphic novels.