

## CWSF 2013 - Lethbridge, Alberta



### Lucas Harvey

#### Rock, Paper, Keyboard

**Challenge:** Information

**Category:** Intermediate

**Region:** Western Manitoba

**City:** Brandon, MB

**School:** Neelin High

**Abstract:** The ultimate goal of my project is to create a computer program that can play the simple game "rock, paper scissors", learn how the person playing plays, then use the knowledge that it has gained to beat the player.

#### Biography

I am Lucas Harvey, a 9th grade student at Neelin high-school and at Crocus plains high-school. I live in Brandon, Manitoba with my mother, father, and younger sister. My hobbies include fencing, computer programming, and electronics. My best subjects are math, science, and English. For my post-secondary education, I intend to attend university in a field of technology, although that decision is still a while away, and nothing is set in stone. The inspiration for my project comes from my general interest in the field of computer programming (although I am self-taught, and this is my first project) I simply wanted to see if I could create such program. in the future I would like to create a function that would allow the user to "log in" so the computer does not constantly need to relearn who it is playing. My best piece of advice if you want to do a project, is to pick a project that you are really interested in, not just because you think you will get good marks.

Youth Science Canada  
PO Box 297  
Pickering ON L1V 2R4  
[www.youthscience.ca](http://www.youthscience.ca) / [info@youthscience.ca](mailto:info@youthscience.ca)  
416-341-0040