

CWSF 2013 - Lethbridge, Alberta



Dirk Page

Building a Hydraulic Animatron

Challenge: Innovation

Category: Junior

Region: Manitoba Schools Science Symposium

City: Winnipeg, MB

School: École Roméo-Dallaire

Abstract: This project involves the design and building of a hydraulic animatron, as well as several different systems that use hydraulics. I set several objectives for my project, to build it under \$150, to make it as realistic as possible, to build it using most of the materials from home and to build it using only the hydraulic system.

Biography

My name is Dirk Page, I am fourteen years old, I'm in grade eight and attend Ecole Romeo-Dallaire. I speak two languages, (English and French). I play hockey in the winter and soccer in the summer. I am also an air cadet. I like playing guitar and drums as a hobby, I also play badminton as a hobby. Every summer I go camping with my family and I also like sailing. I really enjoy Science and Math. I like to find out how things work. I am interested in structures and machines. I came across the concept of hydraulics and I wanted to learn more, I decided to build something using hydraulics. I'd like to continue improving the model I invented. I strongly recommend entering a science fair because you meet a lot of nice people and it's fun and you learn a lot.

Youth Science Canada
PO Box 297
Pickering ON L1V 2R4
www.youthscience.ca / info@youthscience.ca
416-341-0040