

CWSF 2013 - Lethbridge, Alberta



Nathan Benson

Long Term Effects of Hyper Gravity on Plant Growth

Challenge: Discovery

Category: Senior

Region: Saskatchewan Chinook

City: Hazlet, SK

School: Hazlet School

Abstract: My project is a study of the long term growth and development of a variety of plants, when exposed to added gravitational force. This added force is achieved through the use of a homemade centrifuge. My project's purpose is to determine whether or not it would be possible to establish a food source for any colonization attempt to planets with a greater mass than Earth.

Biography

My name is Nathan Benson and I am a grade 12 student from Hazlet, Saskatchewan. I am an executive member of my school's SRC. I am involved in many extracurricular activities including: Volleyball, long distance running, curling, and Judo. My science fair project was initially inspired by my interests in both mechanical engineering and the natural sciences. In the future I would like to improve upon the design of my project and will hopefully have the ability to revisit this experementa. I have found my involvement in the science fair process to be very rewarding. I would recommend to anyone who is interested in entering the science fair, to work hard in making a unique and interesting project, but also to take the time to enjoy the process of scientific exploration and discovery.

Awards

Value

Excellence Award - Senior - Bronze Medal Sponsor: Youth Science Canada	\$100
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$2 100