

CWSF 2017 - Regina, Saskatchewan



Connor Crook

Harvesting Energy from Radio Waves

Challenge: Energy

Category: Intermediate

Region: Prairie Valley

City: Balgonie, SK

School: Greenall School

Abstract: Energy is all around us. In the air, the ground, and in space. Some of this energy is called electromagnetic energy. It's used in thousands upon thousands of electronic devices, and these device also emit this energy to communicate. This energy is being wasted, and I want to use it. I created a device that harvests this energy and converts it to a usable form.

Biography

I am Connor, a grade nine student from Greenall High School. My favorite hobbies are reading and gaming. I am also a trumpet player, and participate in three bands at my high school. Listening to music is another of my hobbies, my favorite being instrumental/synthetic orchestra and dubstep. I plan on going to the U of R for a geology degree. When I first heard of the science fair at the school, I started thinking of ideas. My family gave me all sorts of ideas, but I also did some research on my own. Then, I came up with the idea of taking WiFi and converting it into energy. I do plan on expanding this design if it gets any recognition at the science fair, maybe improving? it for public use. For any kids reading this who are thinking of a future science fair, here is my advice. If you have an idea that you think is really cool, stick with it. If it doesn't work in the end, it can be treated as a learning experience and provide you with information for future testing and research. If it does work, it will be worth it.