

## CWSF 2012 - Charlottetown, Prince Edward Island



### Seth Barnwell

#### Gravitational Energy

**Challenge:** Energy

**Category:** Junior

**Region:** Chatham-Kent

**City:** Tilbury, ON

**School:** Tilbury Area P.S.

**Abstract:** Gravitational Energy is an experiment created to test the idea that gravitational forces can be used to produce electricity. In this experiment gravitational force is pushing down on a mass and increases the force exerted on either air or water which in turn causes a generator to turn producing electricity.

#### Biography

I am Seth Barnwell. I attend the Tilbury Area Public School in Ontario. I play many sports for school and community teams. I enjoy recycling old house hold items and build new creations. My inspiration for this project comes from David Suzuki, who once lived near my home town. His inspiration on me is to make a difference by the way I live and to try to change the world. I have many ideas that I plan to try in the future but at this time I am keeping them secret. I have not quite decided what my career will be but whatever I do I want to be a good one. To inspire others I am going to end with one of my favorite quotes from author unknown. "This is the beginning of a new day. You have been given this day to use as you will. You can waste it or use it for good. What you do today is important because you are exchanging a day of your life for it. When tomorrow comes this day will be gone forever. In its place is something you have left behind, let it be something good."