

## CWSF 2014 - Windsor, Ontario



### Mackenzie Gamman, Kathleen Tones

#### To Grow or Not To Grow

**Challenge:** Environment

**Category:** Intermediate

**Region:** Rideau-St. Lawrence

**City:** Smiths Falls, ON

**School:** Smiths Falls District Collegiate Institute

**Abstract:** To Grow or Not to Grow focuses on the effects of different chemicals in household products on aquatic plant growth. To study this, four common dish soaps were tested on green bean plants. The project identifies the product and any individual chemicals that have a harmful effect on the environment when put into the water supply and water systems.

#### Biographies

Mackenzie - I am a 15 year old, grade 10 student at Smiths Falls District Collegiate Institute (SFDCI), in Smiths Falls, Ontario. I enjoy participating in sports such as soccer and basketball, both in school and competitively. As part of the extended French program since grade 5, I recently had the opportunity to travel to Quebec on an exchange with my class. During the year I enjoy volunteering with different teams and sports tournaments, doing a variety of jobs. With my family we like to go on camping trips, as well as hiking, swimming and kayaking in the summer. In the future I am heading towards the direction of physiotherapy or kinesiology; somethin...

Kathleen - I am 15 years old and in grade 10 at Smiths Falls District Collegiate Institute (SFDCI) in Smiths Falls, Ontario. On my spare time I enjoy running, swimming, reading and art. I enjoy science, art, English and French. I am a part of the Extended French program at SFDCI and have been in French Immersion since grade 5. This year I also participated in an exchange trip to St. Raymond in Quebec. In the future I am planning on going to Guelph University to get my Bachelor of Science and take Veterinary Medicine. In the summer I enjoy being outdoors, swimming, camping, kayaking, hiking and dirt biking. This is my first time attending the Canada-Wide ...

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