

# ESPC 2012 - Charlottetown (Ile-du-Prince-Édouard)



## John Stremble

### Does H<sub>2</sub>O<sub>2</sub> Grow Too?

**Défi:** Environnement

**Catégorie:** Junior

**Région:** Bay Area

**Ville:** Dundas, ON

**École:** St. Augustine E.S.

**Sommaire:** This experiment tested the theory that using H<sub>2</sub>O<sub>2</sub> in the garden is not only better for the environment as compared to fertilizer, but would also benefit the plant's growth and health. Ten bean seeds were exposed to water, various concentrations of H<sub>2</sub>O<sub>2</sub> and liquid fertilizer. The plant exposed to the highest concentration of H<sub>2</sub>O<sub>2</sub> outperformed all other plants.

### Biographie

My name is John and I am 13 years old. I am in Grade 8 at St. Augustine School in Dundas, Ontario. My favourite subjects are math and science. I am an avid photographer and I love to travel. I enjoy soccer and league bowling. I was previously chosen to attend the Ontario Education Leadership Camp. I have also received the Award for Outstanding Achievement for Highest Score in the Gauss Mathematics Competition, and this year received a Director's Award of Student Excellence. I have participated in Science Fairs since the age of 9, previously winning 3 Gold Medals at System Science Fair and 2 Silver Merit Awards at BASEF. I am looking forward to Canada Wide Science Fair this year in PEI. I encourage everyone to participate in Science Fair and to always choose a topic they are interested in. My inspiration for topics always comes from my surroundings, whether directly or indirectly. My goal is to attend University and study Engineering. I would like to thank the BASEF Committee for the opportunity of attending CWSF and the trip chaperones for their dedication and time.