

## CWSF 2011 - Toronto, Ontario



### Marissa Sarrazin, Sophie Lamoureux

#### Comment les différentes couleurs de lumières affecte la photosynthèse

**Challenge:** Environment

**Category:** Senior

**Region:** Sudbury

**City:** Coniston, ON, Sudbury, ON

**School:** Collège Notre-Dame

**Abstract:** Déterminer le taux de photosynthèse d'une plante aquatique en mesurant et utilisant des lumières de différentes couleurs toutes à une certaine distance pour avoir la même intensité. L'oxygène est libérée des extrémités coupées des tiges de la plante aquatique sous forme de bulles de gaz. La vitesse à laquelle se déplace la goutte est utilisée comme une estimation du taux de photosynthèse.

#### Biographies

Marissa - My name is Marissa Sarrazin. I attend Collège Notre-Dame high school and my favorite subject is biology and law. Out of school, I like to play sports, such as track and field, tennis, volleyball and more. I also like to walk my dog and spend time with my family and friends when I have spare time. I like volunteering in my spare time to help me lend a hand to my community. When I graduate from high school, I hope I get to study sciences and health courses or maybe even become a lawyer some day. My first year doing the regional science fair, my partner and I did a project revolving the memory. This year, we focused ourselves on photosynthesis ...

Sophie - My name is Sophie Lamoureux. I attend Collège Notre-Dame high school and my favorite subject is biology and health care. Out of school, I like to play sports, such as hockey, soccer, badminton, softball, volleyball and more. I also like to draw, write, sing and spend time with my family and friends when I have spare time. I like volunteering at the hospital and other places that help me lend a hand to my community. When I graduate from high school, I hope I get to study sciences and health courses to get me into medical school where I hope to become a pediatrician or something in the science or medical field. My first year doing the regional...

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