

## CWSF 2011 - Toronto, Ontario

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### Danica Avery

#### Oceans and Acidification

**Challenge:** Environment

**Category:** Junior

**Region:** Yukon Stikine

**City:** Whitehorse, YT

**School:** Vanier Catholic Secondary

**Abstract:** I assessed the impact of the respiration of fish on the acidity of water, and the ability of plants to reduce this effect. My results revealed that fish alone would decrease acidity of water. The more plants present, the less the drop in pH. This concept has significant impact in an era of global warming and its secondary impacts on the world's Eco-systems.

#### Biography

I was born and raised in the Yukon and am currently in grade 8. In addition to my academic pursuits, I am actively involved in many sports. I have been on the Yukon team for my age for the last three years and have been involved in playing at a National soccer tournament. I also have played piano for 7 years and am currently studying for the Royal Conservatory grade 8 practical exam. I plan on attending university in the future.