

## CWSF 2014 - Windsor, Ontario



### Alyssa Woodland

#### Can My Self-Formulated Fish Food Provide a Sustainable Ecosystem?

**Challenge:** Resources

**Category:** Junior

**Region:** Manitoba Schools Science Symposium

**City:** Winnipeg, MB

**School:** Linden Christian School

**Abstract:** The purpose of my project was to formulate a fish food that could be completely produced in an aquaponics system. It was very important for it to be part of a sustainable eco-system and decrease the carbon footprint, environmental impact, and have food that is fresh, local, and organically grown.

#### Biography

My name is Alyssa Woodland and I am a grade 7 student at Linden Christian School in Winnipeg, Manitoba. I enjoy playing soccer, basketball, badminton, and track & field. I play trumpet in jazz band and french horn in concert band. I enjoy reading, sewing, and playing with my golden retriever Jazzy. The inspiration for my project came from my Grade 5 science fair project, where I compared the growth of plants watered with aquarium water versus tap water, which then led to me to aquaponics. I want to further my formulation to create a fish food that could feed adult tilapia. I want to encourage all students to explore the many different possibilities of aquaponics and explore ways to improve sustainable food production for our world.

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