

CWSF 2010 - Peterborough, Ontario

Patricia Poon, Sean MacDougall

Something Fishy

Division: Health Sciences

Category: Intermediate

Region: Greater Vancouver

City: Vancouver, BC

School: Britannia Community Secondary

Abstract: Due to the rapidly growing aquaponics industry claiming to replace hydroponics, we conducted an experiment to illustrate effectiveness and determine whether this method is beneficial/affordable in the long run for commercial/small scale farming. We aimed to: Develop a more compact aquaponic set-up ; observe if/how fish fertilizer is essential to aquaponics; apply knowledge of the nitrogen cycle to develop aquaponics; and improve aquaponic farming.

Biographies

Patricia - Patricia is currently enrolled in the IB Diploma program in Britannia Secondary School. She likes playing video games (Modern Warfare 2), skateboarding, and swimming in her free time. She has passed her Bronze Cross, participated in the Canadian Swim Patrol program and is working on her National Lifesaving Service. As for future career choices, she is torn between interior/architectural design and a career in psychology.

Sean - I am a national level swimmer in freestyle, i enjoy biking and running also. In my free time i hang out with my friends or game competitively in Modern Warfare 2.