

CWSF 2018 - Ottawa, Ontario



Kate MacMillan, Ainsley Horton

Pitting Against Artificial Preservatives

Challenge: Innovation

Category: Intermediate

Region: Central Okanagan

City: Kelowna, BC

School: Kelowna Secondary

Abstract: This project investigated the natural antioxidizing properties of avocados pits. The project was extended to compare efficacy of common natural and synthetic preservatives to prevent avocado flesh oxidation. The importance of evaluating natural preservatives is paramount as lower impact chemicals need to be utilized in sustainable food production.

Biographies

Kate - Kate MacMillan is a grade 10 student at KSS Secondary in Kelowna British Columbia. This year Kate is competing in her second year at the CWSF, and she is excited to be a part of this years fun. One of Kate's hobbies is rock climbing, and she has attended national bouldering competitions. Some of Kate's other hobbies include reading, drawing and piano. Kate got the inspiration for her project from the UN Sustainable Development Goal #12, Responsible Consumption and Production, as she and her partner want to help create a better future for all. Kate's advice to other students thinking about doing a project is to choose a topic, and partner wise...

Ainsley - Ainsley Horton is a grade 10 student at KSS Secondary in Kelowna British Columbia. This is Ainsley's third year competing in CWSF, and she is excited to be apart of this years. Ainsley is the co-head of sets in her school's theatre program and has been apart of two plays. Ainsley's hobbies include reading, drawing, and helping out at the local art gallery. Ainsley got the inspiration for her project from the UN Sustainable Development Goal #12, Responsible Consumption and Production, as she and her partner want to help create a better future for all. Ainsley advice to other CWSF students is to choose a topic you're interested in and s...

Awards

Value

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| Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada | |
| Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University | \$1 000 |
| Total | \$1 000 |