

CWSF 2015 - Fredericton, New Brunswick



Brooke Westwater, Ainsley Morrison

The Oil Eater

Challenge: Innovation

Category: Junior

Region: Bay Area

City: Oakville, ON

School: Maple Grove Public School

Abstract: The Oil Eater is an innovation designed to clean up disastrous oil spills that occur in large bodies of water. While experimenting with the Oil Eater, 3000 ml of water and 100 ml of oil were put into a container with the Oil Eater. It was then turned on for precisely 30 seconds. The Oil Eater worked best with the oils that had higher viscosity.

Biographies

Brooke - My name is Brooke Westwater and I go to Maple Grove public school in Oakville Ontario. I love getting involved in extra curricular activities such as school teams, clubs, and skill competitions like the science fair. When I heard that I had a shot at going to the national science fair, I was over the moon, and I made this my new goal. I got the inspiration for my project one day when I was making pancakes and the oil stuck to the spatula but the water didn't. I did further research on this discovery, drew diagrams and soon the oil eater came to be. I would love to find out if the oil eater would be able to work at a larger scale in a larger b...

Ainsley - My name is Ainsley Morrison. I am in grade 7 and attend school in Oakville, Ontario. I really enjoy reading and learning new things. I love playing all sports especially hockey, field lacrosse and basketball. I am super excited to be going to the Canada Wide Science Fair! From the humble beginnings of our school science fair to New Brunswick to both see and compete against the best projects in Canada! To further investigate the capability of my project I would build a larger scale model and test in a more hostile environment. If another student was thinking about doing a project I would encourage them to start with something that they want to...

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