

CWSF 2011 - Toronto, Ontario



Michael Kalaparambath, Hasan Khan

Quick Licks for Oil Slicks

Challenge: Environment

Category: Junior

Region: Peel

City: Mississauga, ON

School: Mentor College

Abstract: Oil spills in water can cause major environmental disasters. Our experiment tested the oil absorption of five sorbents - sponges, hair, shop towels, cotton and feathers - to remove oil from water effectively. Simulated crude oil was used. The results showed hair as the best sorbent. Hair is an effective clumper of oil and may be used in the future to clean-up oil spills.

Biographies

Michael - My interests include building and creating objects with Lego. I am part of the Lego Robotics Team at my school. I enjoy reading and playing hockey and I am on the school rugby team and play the saxophone in the intermediate band. I won the science fair award at my school and honor roll, I would like to be an engineer or doctor in the future. I would like to be awarded a scholarship for robotics when I am older.

Hasan - I am a grade 7 student at Mentor College in Mississauga, Ontario. I was born in Toronto and live with my parents and two younger brothers. My favourite activities include music, movies, mountain biking, travelling and making duct tape wallets. I love music and play bass guitar for my school bands. I have been on my school's honour roll for many years and have won awards like the Art Award and the school Citizenship award. I was also chosen to be a member of the Tech Crew. I enjoy sports and play hockey and rugby. I love adventure and the outdoors. I have climbed Camelback mountain and mountain biked in the Arizona desert recently. I have gone sand...

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