

## CWSF 2016 - Montreal, Quebec



### Nethra Wickramasinghe

#### Don't Waste Waste Water

**Challenge:** Innovation

**Category:** Junior

**Region:** Sudbury

**City:** Sudbury, ON

**School:** MacLeod P.S.

**Abstract:** This is a study about purifying and recycling laundry greywater. I investigated to build a filter to purify laundry wastewater, and see if the filtered water could be reused. I designed and built a filter that can be integrated into a Home Laundry System. I incorporated the two that could be manufactured and used in a home water system.

#### Biography

My name is Nethra, and I am a gr.7 student at Macleod P.S. I have long harboured a love of Science, and I am very eager to participate in CWSF, especially since it is my first time. For my project, I created and custom-designed a filter that could purify laundry water/grey water. I believe that by using filters like mine, we can make our world a little greener and a lot more eco-friendly. In the future, I plan on pursuing a career in Science, specifically Engineering. My hobbies include: reading, spending time with my dog, canoeing as well as playing soccer. I look forward to CWSF and I know I will definitely enjoy this opportunity.