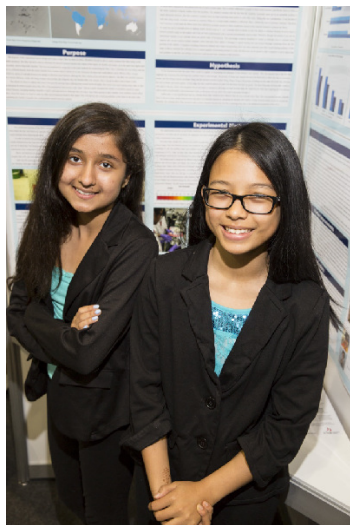


## CWSF 2015 - Fredericton, New Brunswick



### Julia Nguyen, Anushka Hasija

#### Water for the Thirsty World

**Challenge:** Health

**Category:** Junior

**Region:** Peel

**City:** Mississauga, ON

**School:** Tomken Road Senior P.S.

**Abstract:** Millions are annually infected with waterborne diseases by drinking pathogen-infested water. To address this issue, two water filters were created using clay and colloidal silver to eliminate bacteria. The filters were tested with four water samples. Results were measured using a TDS meter, pH strips, and agar plates to culture any E. Coli bacteria. The experimental results suggested that both filters can successfully eliminate bacteria.

#### Biographies

Julia - My name is Julia Nguyen and I am currently a Grade 8 student in the SciTech Program at Tomken Road Middle School in Mississauga, Ontario. This will be my second year attending the Canada Wide Science Fair, and I look forward to another exciting week. My most passionate interests lie in the field of science, hence the reason I enjoy participating in science fair. I aspire to one day work in the field of medicine and contribute my time to helping society. I am a very passionate and persistent person who enjoys learning at every given opportunity. I engage myself in numerous activities in and out of school in both the athletics and academics dep...

Anushka - My name is Anushka Hasija and I am currently in Grade 8 in the Sci Tech Program at Tomken Road Middle School, in Mississauga, Ontario. I have a variety of hobbies and interests, including reading, writing, playing the piano, listening to music, playing sports, singing, and dancing. My favourite subjects lie in the fields of math, science, and technology, and I aspire to work in the medical field. I consider myself to be an outgoing person who is always looking forward to learning new things and gaining new experiences. I strive to look for new experiences that will help me attain knowledge. In addition to CWSF, this year I am also participati...

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