

## CWSF 2017 - Regina, Saskatchewan



### Ian Paton

#### In a House Not So Far Away... Bacteria Were Growing

**Challenge:** Health

**Category:** Junior

**Region:** Yukon Stikine

**City:** Whitehorse, YT

**School:** Holy Family Elementary

**Abstract:** The purpose of our experiment was to find out which part of the house had the most bacteria. We tested four areas with anticipated high bacterial counts. Results showed that the bathroom sink had the most bacterial colonies, followed by the kitchen sink. We interviewed experts in the microbiology and medical fields to learn more about household bacteria and their effects on a person's microbiome.

### Biography

My name is Ian Paton and I am twelve years old. I live in Whitehorse, Yukon and attend Holy Family Elementary. My favorite sport is soccer, which I have been playing since the age of four. I enjoy other activities such as disc golf, camping, volleyball, basketball, and playing Dungeons and Dragons with my family. This science fair is my first one and I am very happy to be attending this years CWSF. My partner Gavin was my inspiration for this project, he got me in to bacteria. It was an interesting and fun experience to grow and learn more about bacteria. In the future maybe my partner and I will attempt a more complex project. If you plan on having a partner it is important to make sure they will also be willing to give up time to help, my partner Gavin and I worked very well together. I am excited to compete against other young scientists from across Canada.

Youth Science Canada  
PO Box 297  
Pickering ON L1V 2R4  
[www.youthscience.ca](http://www.youthscience.ca) / [info@youthscience.ca](mailto:info@youthscience.ca)  
416-341-0040