

# CWSF 2018 - Ottawa, Ontario



## Brooke Donnelly, Vera Antunes

### Let It Snow?

**Challenge:** Environment

**Category:** Junior

**Region:** Algoma Rotary

**City:** Sault Ste. Marie, ON

**School:** Anna McCrea E.S.

**Abstract:** In this study, we looked at how big of an issue microplastics are in the snow. We tested freshly fallen and 5 day old snow from city yards and the forest. Once the snow melted, we looked at every sample under a microscope and recorded the number of micro plastics that we saw. We found many micro plastics of different colours!

### Biographies

Brooke - I am Brooke Donnelly and I attend Anna McCrea Public School in Sault Ste. Marie Ontario. I enjoy many sports and activities including my travelling soccer team, and competitive dance team. I have had many chances to travel around the world to many places including the Dominican Republic. I love travelling and would love to continue doing so. We got the inspiration to do this project from knowing that microplastics are of increasing concern as a contaminant around the world. In Northern Ontario, we always think of the snow being pure but wondered if it might be contaminated with microplastics. For further investigations with this project, we h...

Vera - My name is Vera Antunes and I attend Anna McCrea Public School in Sault Ste. Marie, Ontario. I enjoy many sports and activities including playing the violin and competing in gymnastics as a provincial level 5 gymnast. I have had many chances to travel to different places including Portugal and Germany. I love traveling and would love to see other parts of the world. We got the inspiration for our project from knowing that microplastics are of increasing concern as a contaminant around the world. In Northern Ontario, we always think of the snow being pure but wondered if it might also be contaminated with micro plastics. In future work we hope...

### Awards

### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000