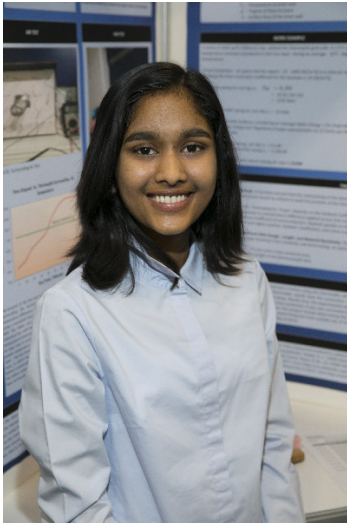


## ESPC 2017 - Regina (Saskatchewan)



### Nethra Wickramasinghe

#### Hot Air Insu-Layer

**Défi:** Innovation

**Catégorie:** Junior

**Région:** Sudbury

**Ville:** Sudbury, ON

**École:** MacLeod P.S.

**Sommaire:** The aim of my project was to reduce heat losses in dwellings during seasonal cold months. This was achieved using a series of thermopiles that created heat based on the "Peltier Effect". The thermopile heated the air around it and formed an insulating layer of hot air, which reduced the convection rate within a dwelling. The title insu-layer was coined from that hot air layer.

#### Biographie

My name is Nethra Wickramasinghe and I am from Sudbury, Ontario. I attend MacLeod public school and I am in Grade 8. I enjoy hiking, walking my dog, and playing piano. I adore all aspects of the sciences, especially the conservation of energy. As the next generation, I believe that it is our duty to protect the earth for others.

#### Prix

#### Valeur

Prix d'excellence - Junior - Médaille de bronze Commanditaire: Sciences jeunesse Canada	
Bourse d'études de Western University Médaille de bronze - Bourse d'admission de 1 000 \$ Commanditaire: Université Western	1 000,00 \$
Total	1 000,00 \$