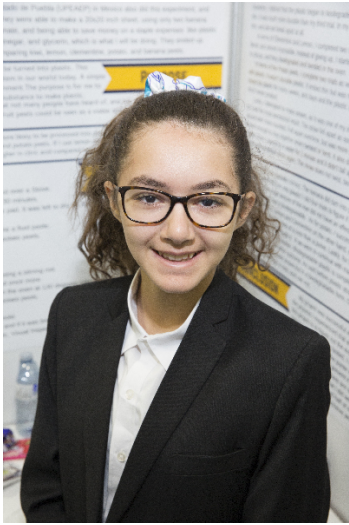


## CWSF 2019 - Fredericton, New Brunswick



### Pauline Botros

#### Food vs. Plastic

**Challenge:** Environment

**Category:** Junior

**Region:** York

**City:** Richmond Hill, ON

**School:** Richmond Hill Montessori and Elementary Private School

**Abstract:** Plastic is laying everywhere, so why not try to make plastic biodegradable? In my project, I created a recipe to turn fruit peels that are high in starch into plastic. Not many people have tried to make fruits into biodegradable plastic, which makes my project unique. Through this, I also made straws that are biodegradable. I tested banana, kiwi, potato, orange, and lemon peels.

#### Biography

Hi! My name is Pauline, and I am in grade 7. I attend Richmond Hill Elementary and Montessori Private School in Richmond Hill, Ontario. I have been apart of my school's student council for the past 2 years, have been apart of my schools choir for 6 years, my schools band for 2 years, and have also been apart of debate for 1 year. I enjoy swimming, biking, piano, public speaking, and spending time with my friends and family. I enjoy research on ways to save the earth, and that is where I got my project idea from. In the future, I would like to learn more about sciences, and create new innovations, that could lead to big things! Think big, you never know what the results will be!