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Jessica Zhang, Jonathen Chen

The Future of Recycling Plastics

Division: Health Sciences / Environmental Innovation

Category: Junior

Region: Greater Vancouver

City: Vancouver, BC

School: University Transition Program

Abstract: Our project promotes a new type of plastic that can help reduce pollution from the destruction of thermosets. We experimented with a patent's procedures but came to different results and conclusions. We have produced a new type of plastic that would be able to replace the unrecyclable thermosets used in some areas to minimize toxic and greenhouse gases that are produced from incinerating used thermosets.

Biographies

Jessica - I am a thirteen-year-old girl of Chinese heritage that is currently attending the University Transition Program at UBC. I attended Late French Immersion before I went to Transition, so I am literate in Mandarin, English and French. I try my best in everything but my significant academic strengths are Humanities, Biology and English. The Transition Program enabled me to participate in a variety of competitions for many subjects. I enjoy playing racquet sports, especially badminton, in my free time or at a weekly badminton class. Also, I like to play piano and I've completed grade 9 in the RCM Examinations. I can also play the clarinet from my ...

Jonathen - I was born here in Canada. I have a great interest in Commerce and Business. One of my hobbies is to enjoy a movie, play some video games, and most of all basketball. Basketball is one of the few things that brighten up my day, except for a dog (I dearly wish to acquire a labrador or Alaskan Malamute). When i grow up, i wish to do business.