

CWSF 2014 - Windsor, Ontario



Arman Turna

Ionization and Separation of Cations and Anions from Inorganic Compound KI

Challenge: Environment

Category: Junior

Region: South Fraser

City: Surrey, BC

School: Coast Meridian Elementary

Abstract: In my experiment, I attempted to separate ions from the chemical Potassium Iodide using an electric charge. I was successful, and the ions did separate causing reduction and oxidization. Chemicals similar to Potassium Iodide are found in the ocean, and at the rate we are throwing away batteries, soon enough the ocean will start conducting electricity posing a terrible threat to marine life.

Biography

My name is Arman Turna. I am a 7th grader at Coast Meridian Elementary. I love science. When I grow up I would like to be a Chemist/Physicist/Geologist/ Biologist/ Neurosurgeon! One day, I was reading a book about Michael Faraday. I saw that he discovered Cations and Anions. I wanted to see what they were and, and their properties. I designed this experiment to do just that. Outside of school, I play competitive tennis in tournaments all over British Columbia. I plan to get a full scholarship after grade 12, into Harvard University, with tennis achievement, or academic achievements. I am so happy I have come this far in the science fair. Some advice to other students thinking of doing a project is don't re-invent the wheel. By that I mean, come up with your own project instead of looking at what other people have already done.

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