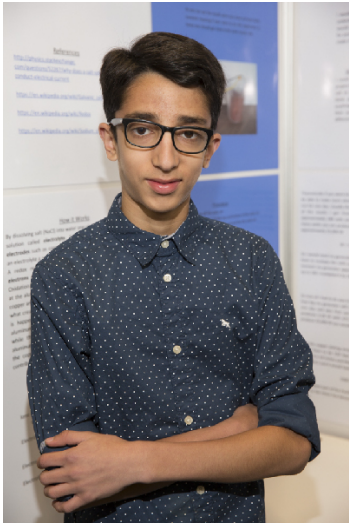


## CWSF 2016 - Montreal, Quebec



### Avipal Sandhu

#### Salt Water Electricity

**Challenge:** Energy

**Category:** Junior

**Region:** Fraser Valley

**City:** Abbotsford, BC

**School:** Abbotsford Middle School

**Abstract:** I have made a salt water electricity generator it generates electricity using salt water. The generator itself is a aluminum can with rubber rings and and sheet of copper surrounding it. Which then goes into a container filled with salt water.

#### Biography

I got this idea when I asked my sister if you she knew any ides for science fair and she gave me one of her science text books. In the text book I found an experiment where they used two electrodes and used vinegar to generate electricity and I thought that I could use salt water to make electricity too. So I did some more research and I found out that salt water is a very good electrolyte. I have a theory that if you were to make my generator bigger that it would be able to generate more electricity and that's what to test out. A piece I would give to someone wanting to do a project for science fair would be to choose a project or topic that you actually like that way you'll enjoy working on the project.

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