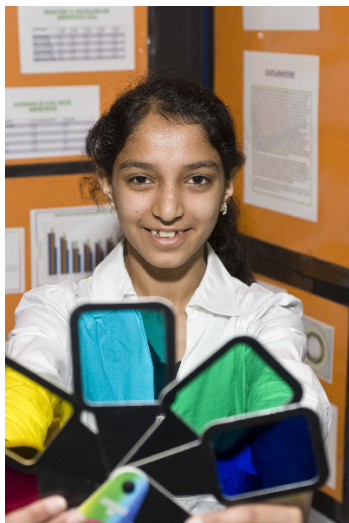


## CWSF 2010 - Peterborough, Ontario



### Shrishti Ahuja

#### Solarific Cells

**Division:** Health Sciences

**Category:** Junior

**Region:** Toronto

**City:** Scarborough, ON

**School:** Brookside Public School

**Abstract:** I tested 2 different solar panels (polycrystalline, amorphous) to see which panel creates a greater voltage when exposed to the wavelengths in the visible spectrum of light. I conducted my experiment and I concluded that the polycrystalline panel is better. Both of these cells are made by the same material; silicon. The structure of the cell is different though and this caused the results.

#### Biography

My name is Shrishti and I am currently in grade 8 however there is much more to me than just that. I attend Brookside PS. I enjoy writing poems and stories, and I love science. I also am involved in all kinds of musical activities. In school, I am involved in choir, band, and many other extra curricular activities. Some of these activities also include academics like math contests and so on. Outside of school, I am involved in swimming, dancing, and singing. My love for science particularly began in grade six when we were learning about outer space. I have not decided on my career completely however I have two things in mind. I want to be either an astronaut or a scientist. The arts is one field that I love. I enjoy learning different dancing styles and I also sing. Overall, I am a kind and helpful person. This is a brief summary of myself.

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