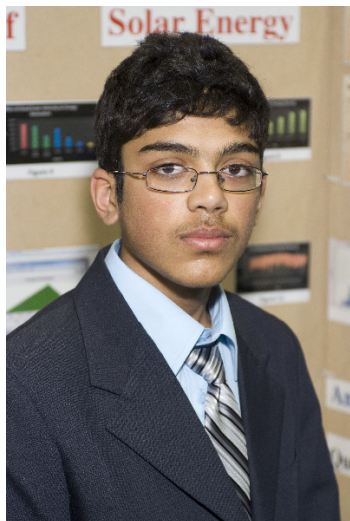


## CWSF 2009 - Winnipeg, Manitoba



### Aneesh Jaydeep

#### A Simulation Model of the Viability of Solar Energy

**Division:** Engineering & Computing Sciences / Environmental Innovation

**Category:** Intermediate

**Region:** Calgary Youth

**City:** Calgary, AB

**School:** Queen Elizabeth Junior Senior High School

**Abstract:** My project studied the viability of solar energy in prairie cities. It did this by finding which factors affected the amount of energy produced and by creating a simulation that rates days on their effectiveness in solar energy production. It found that prairie cities are viable candidates for solar energy as they receive large amounts of sunlight throughout the year.

#### Biography

I am Aneesh Jaydeep. I am currently in grade 9 at Queen Elizabeth High School in Calgary Alberta. Some extracurricular activities I participate in are soccer, debate, karate and piano lessons. I also take part in math contests at school, in one math contest I came within the top 50 in the city and was invited to a banquet at the University of Calgary. I have traveled around the world living in Singapore for 6 months in grade 6, and in India for a year when I was 4. Apart from the places I have traveled to many countries in Europe and Asia. I also read many books.