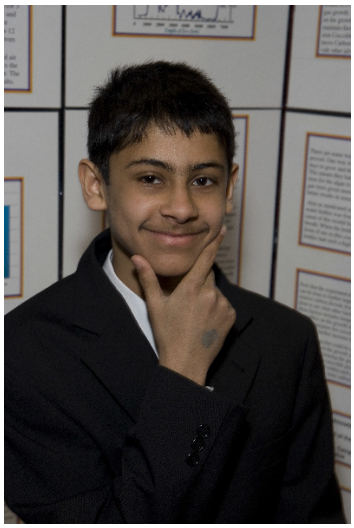
CWSF 2008 - Ottawa, Ontario



Ghufran Siddiqui

Biofixation of C02 Using Coccolithophorid Algae

Division: Engineering & Computing Sciences / Environmental Innovation
Category: Intermediate
Region: Lambton County
City: Sarnia, ON
School: Northern C.I. & V.S.

Abstract: In this experiment the algae were put under different concentrations of Iron (III) Nitrate. The best iron concentration will be determined by testing the amount of CO2 left inside the bottles after 6 days. The gas will be tested with a CO2 gas censor. Doing this will arrive at the best concentration of iron (III) Nitrate levels for the algae.

Biography

My name is Ghufran Siddiqui. I am a grade 10 student at N.C.I.V.S in Sarnia, Ontario. Some sports I enjoy are wrestling, soccer and tennis. I also have an interest in computers and technology. I do many extra- curricular actives. I am involved with a Multicultural Awareness Club and Science Club at my school. My favourite subjects are Science and Math. I also like to challenge myself and enjoy entering in competitions one of them being, of course, science fair! Other competitions I participate in are Waterloo math contests. I also volunteer in the community at my local hospital and library. I hope to find a job in a science, business or math related field.

Awards	Value
Canadian Commission for UNESCO - Science for Peace and Development (MILSET ESI) Award Sponsor: Canadian Commission for UNESCO	$5 000
Petro-Canada Peer Innovation Award - Intermediate - Ontario South Sponsor: Petro-Canada	$200
Total	$5 200

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