CWSF 2008 - Ottawa, Ontario

Eric Dyer

Trip the Light Fantastic

Division: Engineering & Computing Sciences / Environmental Innovation
Category: Junior
Region: Bay Area
City: Burlington, ON
School:

Abstract: Our present agricultural practices cannot continue because of their inefficiency and catastrophic effects on the environment. The purpose of this project is to find the most efficient photoperiod of light to grow plants artificially. The plants grew best in the 10-hour photoperiod, but grew most efficiently in the 5-hour photoperiod. This project demonstrates how environmental variables affect plant growth.

Biography

I began homeschooling a short ways through grade 6 when I was 11. I have continued to homeschool through to grade eight and will be attending my public highschool. At an early age I was introduced to the piano and picked up the saxophone a few years ago. I like to write and draw fantasy worlds, and enjoy reading fiction books of all kinds. Like a typical Canadian family, I live on hockey. The winter weekends are packed with driving back and forth from the arenas, while the summer is spent hacking up the driveway with old sticks. Recess is always road hockey. Homeschooling has allowed me to focus more on the areas of learning I enjoy, particularely math and science. Beacuse of my love for gardening, I did a project that had something to do with the growth of plants.

Awards	Value
Honourable Mention - Earth & Environmental Science - Junior Sponsor: Petro-Canada	$100
Total	$100