

CWSF 2007 - Truro, Nova Scotia



Kyle Schole

More To Light Than Meets the Eye

Division: Physical & Mathematical Sciences / None

Category: Junior

Region: Edmonton

City: Pickardville, AB

School: Richard F Staples Secondary School

Abstract: In this project, I tested whether LEDs and magnets affect how bacteria grow. To do this, I selected the none-dangerous strep, fascilus, and a fungus. I incubated them for twenty-four hours. My results showed that all three bacteria were constant with each other under each force. In my results, I found that white LED light limits growth while magnetic attraction increases growth.

Biography

Kyle Schole lives on a farm one hour northwest of Edmonton, Alberta. His family, who consist of his mother, father, and younger sister and brother, support him with his science work, but do occasionally get tired of the messes he leaves in his wake. Some of his favorite pastimes include reading, playing his flute, playing on his flight simulator, and of course, working on his latest science fair project. He attends Grade eight in Westlock's RF Staples Secondary School. Kyle enjoys being in the Double Diamond 4-H Beef Club and raising "Fluffy," his steer. When he graduates, Kyle hopes to attain his pilot's license and become a flight instructor. This is Kyle's sixth science fair project, but his first getting to the Canada Wide Fair. This year's project is a continuation of his research with magnets, and he learned a lot about electricity when trying to wire the LEDs. Kyle has had a lot of fun with this project and feels that the experience will aid him later in life, whether he enters a profession in science or becomes a flight instructor, he will always remember his experiences in school, 4-H, and the science fair.

Awards

Value

Honourable Mention - Life Sciences - Junior Sponsor: Pfizer Canada	\$100
Total	\$100