

CWSF 2014 - Windsor, Ontario



Anez Poulos, Lillian Crowder

Radiation Abomination

Challenge: Discovery

Category: Junior

Region: Frontenac, Lennox & Addington

City: ODESSA, ON, Odessa, ON

School: Odessa P.S.

Abstract: This project tested the effects of microwaves on sixty bean plants. We split the seeds into four groups and exposed each group to different microwave conditions. We hypothesized that groups with more microwave exposure wouldn't grow as well because the microwave could potentially "fry" them or "radiate" them. We were proven wrong when the most microwaved plant group grew the best.

Biographies

Anez - My name is Anez Poulos and I am a grade 7 student in the Challenge Program at Odessa Public School in Odessa, Ontario. Science is my favourite subject at school that is why I am excited to have this opportunity. We thought of this project ourselves, and were originally thinking to do an experiment on radiation from phones, routers and other electronics. However because we only had a limited amount of time, we decided to focus on microwave radiation for this experiment. Knowing that we could not test microwave radiation on humans, we decided to test on bean plants. We exposed the plants to microwave radiation by microwaving the seeds and water...

Lillian - My name is Lillian Crowder I'm thirteen years old and in seventh grade. I have many things I enjoy: school, swimming, running, and many different sports. My favourite subjects in school are gym, art, science, and history. I'm a competitive swimmer with the Ernestown Barracuda Swim Club. The project my partner and I chose to do is called "Radiation Abomination". We both liked the idea of testing how microwaves affected human health. Soon we realized we couldn't test our project on humans so we decided to test on bean plants. We thought up the idea ourselves. Also, I think further investigations with the project would include harvesti...

Youth Science Canada
PO Box 297
Pickering ON L1V 2R4
www.youthscience.ca / info@youthscience.ca
416-341-0040