

CWSF 2019 - Fredericton, New Brunswick



Tajko Redden, Paul MacDonald

Tobacco Basil - Tibaakuq Mamaqhaidjut

Challenge: Resources

Category: Junior

Region: Kitikmeot

City: Kugluktuk, NU

School: Kugluktuk H.S.

Abstract: We wanted to grow basil plants in the presence of nicotine to investigate how it would effect the growth of the plants. We decided that plants would make a good model to compare the effects of nicotine on all living things. We infused their water with tobacco and with wild tobacco and grew the plants over several months.

Biographies

Tajko - My name is Tajko Redden and I've lived in Kugluktuk, Nunavut my whole life. All my life I've had an interest in Science and understanding how things work. Last year my friend Paul MacDonald and I presented our class Science project and made it to Kitikmeot Regionals. We were somewhat restricted to what the class had already done for the project, so this year we took the opportunity to make our own project ahead of time. Last year our class had decided to grow basil plants whose seeds had been soaked in food dye to see how they were affected. This year we wanted to think about how we could make our own project, fix errors we couldn't control b...

Paul - We wanted to look into the effects of nicotine on the growth of living things using plants as a model. Next year we hope to run this experiment again making more exact measurements and having better controls.

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