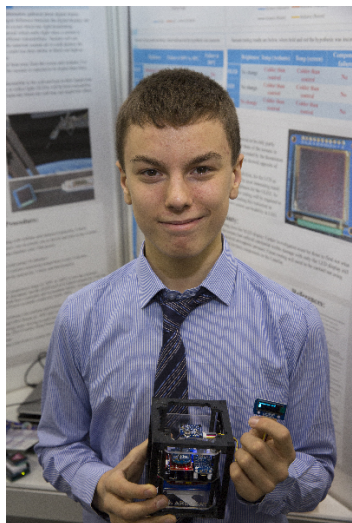


CWSF 2019 - Fredericton, New Brunswick



Fletcher Dares

The Effects of Low Earth Orbit on Digital Displays

Challenge: Information

Category: Intermediate

Region: Beaufort-Delta

City: Inuvik, NT

School: East Three Secondary School

Abstract: This project focuses on testing for digital displays such as (OLEDs, LCDs, and LEDs) in conditions such as those of Low Earth Orbit. I thought that the OLEDs would be the best candidate, but in the end they suffered damage with the only screen showing no damage being the LED. These results will be used to pick a screen for the NTSat

Biography

Hello, My name is Fletcher Dares I live in Inuvik NT its a town that's really north and gets col and dark a lot... there's lots of fun stuff to do here though from skiing to skidooring you'll ever be bored. This is my first time competing in CWSF and I am really excited to meet everyone. I was born in Fredricton and have some family there but nearly all of it is in Nova Scotia. I love robotics and physics and am excited to see all of your projects and meet of all. It'll be nice to meet you all. See you all soon!!!

Awards

Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000

