

## CWSF 2014 - Windsor, Ontario



### Byron Stewart, Graham Anderson

#### A Smarter Case

**Challenge:** Innovation

**Category:** Junior

**Region:** Sunset Country

**City:** Fort Frances, ON

**School:** J.W. Walker E.S.

**Abstract:** In our project, we studied electromagnetic radiation and its dangers to society. In response to learning about these fields, we constructed a smartphone case to block radiation emissions from these devices using a very known metallic substance, aluminum.

#### Biographies

Byron - I am a thirteen year old boy from Fort Frances, Ontario. I like Math, Gym, and Science. I enjoy playing Hockey, Football, Baseball, Basketball, and almost anything that requires physical movement. I plan on becoming a Data Analyst and going to the University of Waterloo. I went to the 2013 Peewee AAA Provincial Hockey Tournament, I came second along with my partner, Graham Anderson in the Sunset Country Regional Science Fair. My partner and I found our inspiration from the large amount of studies that questioned the dangers of cell phones. We then researched the topic and found that cell phones emit dangerous radiation and we continued on fro...

Graham - Hello! I am a 14 year old boy from Fort Frances, ON. Some of my hobbies are Math, Gym, and sports. I enjoy outdoor activities like Hunting, Fishing, and Hiking. My favourite sports are Football, and hockey. My partner Byron Stewart and I placed second in the Sunset Country Regional Science Fair. My partner and I found our inspiration from the large amount of studies that questioned the dangers of cellphones. We then researched the topic, and found that cellphones emit a dangerous type of radiation, then we continued on from there. We now plan on constructing a case that is more slim, but can still reduce the same amount or more as our past ca...

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