

CWSF 2016 - Montreal, Quebec



Aidan Stever

Terminal Damage

Challenge: Innovation

Category: Junior

Region: Peterborough

City: Peterborough, ON

School: James Strath P.S.

Abstract: Button-shaped, 3V lithium batteries (2032) were coated with 5 treatments and inserted into chicken wieners over a 10 minute trial to simulate human ingestion. Quantitative and qualitative observations of the wieners were taken each minute to record simulated damage to a human esophagus from ingestion. Paraffin wax coating on the batteries was determined to be the most effective coating to prevent damage to the wiener.

Biography

My name is Aidan Stever. I am 13 years old and I live in Peterborough ON. I have three older sisters, two of which have competed at Canada-Wide Science Fair in previous years. I am a grade eight student at James Strath Public School. I am a senior competitive swimmer on the Northumberland Aquatic Club. I love to swim and compete in swim meets. Some of my hobbies include reading and writing.