

CWSF 2019 - Fredericton, New Brunswick



Kyle Brent

Metallurgy Mayhem

Challenge: Innovation

Category: Intermediate

Region: Greater Vancouver

City: Burnaby, BC

School: Alpha Secondary

Abstract: This is a game designed to teach students about fourteen of the elements on the Periodic Table and how they can be used. Through gameplay, it offers a new, collaborative, and engaging way to learn, by using the concept of Integrated Tests, as opposed to simple memorisation.

Biography

My name is Kyle, and I am a Grade 9 student in Burnaby, British Columbia. I have a lot of different passions, including: game design, story writing, reading, and coding, which I enjoy doing whenever I can find spare time. Recently, I've gotten into metals and the periodic table of elements, although this could originate from my love of Minecraft, and I have used these newfound passions as the inspiration for my Innovation project, 'Metallurgy Mayhem'. Metallurgy Mayhem is an educational game, and in the future, I would like to see my project adopted for use in actual classroom as a way to teach students in a more effective and enjoyable way. This is my second game design for my second science fair, and if I were to give some advice to anyone thinking to start their own project, I would tell them that hard work eventually does pay off... so just hang in there. You never know how your work could inspire others.

Awards

Value

Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 000