

CWSF 2012 - Charlottetown, Prince Edward Island



Charanpreet Mahal, Gurmeen Kaur Banipal

Revealing the Invisible World of Radon

Challenge: Information

Category: Intermediate

Region: Fraser Valley

City: Abbotsford, BC

School: Dasmesh Punjabi School

Abstract: Radon is a invisible, tasteless,odorless radioactive-noble gas. Radon decays quickly, giving off tiny radioactive particles. When inhaled, these radioactive particles dissolve in the blood and circulate through the body. Long-term exposure to radon is proven to lead to numerous amount of diseases. Initially, we made radon detector to analyze radon's existence. Later, we also developed a radon collector, which collects radon lessening its affect.

Biographies

Charanpreet - My name is Charanpreet Kaur Mahal. I am currently a Gr.9 student at Dasmesh Punjabi School, Abbotsford, B.C. I have been the top student achieving student of the year awards and I have been getting great grades throughout my school life. I was born in the beautiful city of Abbotsford. Some of my interests are reading and travelling. These both things allow me to explore whole new dimensions. In school one of my favorite subject to study is science. This subject fascinates me and I love learning about the human body. My passion for the study of science has lead me to conduct a science club with my partner Gurmeen, in which we help young kids l...

Gurmeen Kaur - My name is Gurmeen Kaur Banipal. I'm in Grade 9 at Dasmesh Punjabi School in the city of Abbotsford, British Columbia.I've been interested in science ever since I attempted to jump to the moon from my trampoline at the age of 4. Other than science, I enjoy reading, writing, traveling, debating, and playing sports. I am currently on my school's volleyball team, and I also play soccer during the summer. I love music. I am trained to play the Harmonium and Tabla, two Indian classical instruments. At school, I'm involved in the Yearbook team as a photographer and a sales representative. During lunch times, I co-operate the Vector Science Cl...

Awards

Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 300