

CWSF 2012 - Charlottetown, Prince Edward Island



Elizabeth Aarts

Reduce, Recycle, Reuse

Challenge: Energy

Category: Junior

Region: Avon Maitland-Huron Perth

City: Lakeside, ON

School: Holy Name of Mary R.C.S.

Abstract: My idea was to make an invention that would reuse hot shower water to heat your floors. It has many benefits, such as saving energy, reusing hot water and saving money. I built a model to represent what this invention would look like so people could visualize how it would work in a real house.

Biography

Hi! I'm Elizabeth. I love to play all sports, from playing outside with family and friends, to being competitive on different teams. This past winter I played indoor soccer and swam on a swim team at our local pool. I nordic ski with the local highschool and went in several races. This summer I'm playing soccer, as well as becoming a soccer referee. I'm a distance runner in a local runpiker competition series. I also enjoy being in the school play, playing my guitar, reading, drawing, listening to music, and being in the Relay for Life to help raise money for cancer research. As well, I'm proud of how hard I work in school, and I remember that there is always room for improvement. I came up with the idea for my project when I was trying to think of something that would save energy or reuse a resource to make us more eco-friendly. I plan to investigate what could make my idea work even better in a real house. Some advice I have for other students is to think about a every day tool or cycle and then try to think of a way to make it better.

Awards

Value

Challenge Award - Energy - Junior Sponsor: Youth Science Canada	\$500
Excellence Award - Junior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 800