

CWSF 2012 - Charlottetown, Prince Edward Island



Michaela Crea

Experimental Grout

Challenge: Environment

Category: Junior

Region: North Bay

City: North Bay, ON

School: St. Hubert E.S.

Abstract: My project is on biodegradable plastic and how it can be a substitute for fiber mesh. I want this theory to enhance the strength of concrete. Fiber Mesh reinforcments are not recyclable but are proven for strength. I want biodegradable plastic to be as strong as existing reinforcments, but can still be healthy for the environment. Biodegradable plastic can be recycled and can benefit us.

Biography

My name is Michaela Crea. I am a Grade 8 student at St. Hubert Catholic School in North Bay, Ontario. I enjoy reading, listening to music and swimming. I recently was on the North Bay Titans swim team and thoroughly enjoyed it. I have one brother and a dog named Max and parents who love me. I have a great group of friends and enjoy spending time with them. School is very important to me and I would like to become a lawyer. My inspiration for my project was to find a environmentally friendly use for plastics in concrete. The advice I would give to students who want to do a science project is to have a good purpose, try to find a unique topic and dont be afraid to try because science doesnt always have to be right...science is fun!!

Awards

Value

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	\$1 300