

CWSF 2011 - Toronto, Ontario



Anthony Meola

Let it Snow, Let it Snow, Let it Snow

Challenge: Environment

Category: Junior

Region: Peel

City: Mississauga, ON

School: Mentor College

Abstract: Pervious concrete lets rainwater flow through it allowing rain water to become ground water. Pervious concrete samples with inexpensive, recycled additives were exposed to accelerated freeze thaw cycles to determine if pervious concrete could be strengthened to be suitable for Canadian winters. The additives of sand and plastic were found most effective at strengthening the pervious concrete.

Biography

I love science! Taking everything apart, and putting it back together in a new way is my way of learning how things work and how to improve a design. Last year, I received a Magna Cum Laude Award in the Canada Wide Virtual Science Fair. This year, my First Lego League team will be traveling to the World Lego Robotics Championships in St Louis. Last year, I had the honour of serving as a Legislative Page at Queen's Park. When I am not conducting science experiments, I can be found at the pool training to be a lifeguard, or at Air Cadets advancing through the ranks.

Awards

Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Total	\$1 300