

CWSF 2018 - Ottawa, Ontario



Sarah Schaefer, Crystal Coyne

The Bee Hydration Station

Challenge: Innovation

Category: Intermediate

Region: Niagara

City: Fonthill, ON

School: St. Alexander Catholic School, E.L. Crossley S.S.

Abstract: To help counter the decline in the bee population, the BEE HYDRATION STATION provides a source of fresh, clean water for bees. The design process of the flower basin progressed from 3D printing to silicone molds and 2-part resin. Another environmental benefit of the BEE HYDRATION STATION is that it is made of 40% recycled gift cards that have been collected from local stores.

Biographies

Sarah - Hello, my name is Sarah Schaefer. I am twelve years old and am in grade seven at St. Alexander Catholic Elementary School. After school, I attend dance class, two youth groups, and piano lessons. This year I am on the Mayors Youth Advisory Council (MYAC). When I grow up I would like to be a teacher, so that I can help kids learn and become successful. We got the inspiration for our project when we found that bees and gift cards were a big problem and we wanted to help. Also, when we saw a spitting gecko that hangs over the side of a flower pot and water the flowers, and a bracelet with stuff inside the pearl. Some plans we have for our furthe...

Crystal - My name is Crystal Coyne. I am a grade 9 student at E.L. Crossley Secondary School in Fonthill, Ontario. I am the youngest of four with a brother and two sisters. Through school, I am into cross-country and track & field. I play soccer, figure skate, and run. I enjoy reading, especially fantasy novels. My favourite subjects are math and science. After high school, I have not decided on what I want to study, as long as it involves math and/or science. We were inspired to design our BEE HYDRATION STATION when we discovered that bee's health was at risk and they are vital to our survival. Sarah and I were determined to make a difference for the ...

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