

## CWSF 2011 - Toronto, Ontario



### Dylan McFadden

#### Precycling

**Challenge:** Energy

**Category:** Junior

**Region:** Simcoe County

**City:** Barrie, ON

**School:** St. Monica's E.S.

**Abstract:** This project's main focus is to create a circuit that will decrease the amount of batteries needed to power an electrical device such as a flashlight, and it will also prolong the life of the batteries thereby lessening the amount of batteries in landfills. Energy conservation is going to be increasingly important in the future, this circuit significantly decreased the need for many batteries.

#### Biography

My name is Dylan McFadden, my two main interests and activities are learning and sports. My favourite subject is definitely science, I like all sports though. I participate in as many school teams as I can, basketball, volleyball, student council and so on. My favourite sport is paintball, although I am not on a team, yet, I enjoy going with my friends and sometimes against them. My other main hobbies are like any other 13 year old boy, video games. Also electronics and computing. As for my family, I have one older brother and mom and dad, and my dog. My dog is a golden doodle he is almost as big as me. I love to bike and run through the woods with him. Lastly I like to socialize and meet new people at camps and other places.