

## CWSF 2011 - Toronto, Ontario



### Joe Najem

#### The Leaking Problem

**Challenge:** Environment

**Category:** Intermediate

**Region:** Windsor

**City:** Leamington, ON

**School:** Cardinal Carter C.S.S.

**Abstract:** This project, a newly designed sink detects leaking pipes during early stages by using water as a switch. Different volumes of water were used to determine if the load (a beeper) would sound off. The experiment tested for clarity of ringing under different levels of water. The newly designed sink proved to be effective at detecting water leaking at the lowest of 50ml of water.

#### Biography

Hey I'm Joe Najem and I'm currently a grade 10 student enrolled in Cardinal Carter Secondary School. I'm the incoming Student Trustee for the WECDSD for the year 2011-2012. Some other material that you could include is that I like sports, foreign movies, long walks on the beach as well sun sets.

#### Awards

#### Value

Australian National Youth Science Forum Award	\$2 500
<b>Total</b>	<b>\$2 500</b>