

## CWSF 2011 - Toronto, Ontario



### Nolan Smith

#### No Idle Matter

**Challenge:** Energy

**Category:** Junior

**Region:** Cape Breton

**City:** Sydney, NS

**School:** Malcolm Munroe Memorial Jr High School

**Abstract:** This project is a study to compare total time and average time of vehicle idling at 3 different types of intersections: 4 Way Stop, Roundabout and Traffic Lights. 1200 cars in total were counted. The modern roundabout is quite a new type of intersection in Canada and this study will show why there should be more.

#### Biography

My name is Nolan Smith and I am a 14 year old grade 8 french immersion student at Malcolm Munroe Junior High from Sydney Nova Scotia. I love sports. I play Bantam hockey, hockey and basketball for my school and in the summer I'm involved competitively in baseball as a pitcher for my league. Recently at provincials my spring basketball team won and my hockey team placed 3rd. Also last year my my Allstar baseball team won provincials and I threw a no hitter in the championship game. We went on in Atlantics and lost in the tenth inning in the championship game to place 2nd. I like music too. I am in my school band and used to take drum lessons. For my future I want to be an astronaut or work in some field in science or sports.