

## CWSF 2014 - Windsor, Ontario



### Kaden Zmeko

#### Efficient Lighting Options vs. The Banned Incandescent

**Challenge:** Energy

**Category:** Junior

**Region:** Lethbridge

**City:** Lethbridge, AB

**School:** Gilbert Paterson Middle School

**Abstract:** Now that incandescent bulbs are being phased out, what are the alternative options readily accessible on the market today? Some things that might tell you how good or bad a bulb is may include: how much power does it waste in heat, what is the light output, what is the environmental impact and how much power would each bulb use during its life expectancy.

#### Biography

My name is Kaden Zmeko. I am 13 years old and live in Lethbridge Alberta. I am attending Gilbert Paterson Middle School and currently in 7th grade. Some of my hobbies and interests are: radio control, photography, videography, the environment and science. I have entered in school science fairs ever since I was in grade 1, and have been very fortunate to have placed first in many. This year with no science fair at my school, I entered our regional fair and placed first in Grade 7. Most exciting of all, I was selected to attend the Canada Wide Science Fair, 2014 in Windsor Ontario! The inspiration for my project this year comes from my interest in renewable energy sources and finding new ways to save energy. For anybody who has ever thought about completing a science project, my advice would be "Just do it"! It doesn't matter if you place or win, it's only important that you tried and hopefully had fun and learned some exciting new concepts in the process.

#### Awards

#### Value

Excellence Award - Junior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$100
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 100