



# LTS @ UTM

Sara Chavez & Sacha Larda

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# What is



# ?

- o LTS is a national charitable organization committed to building youth interest and engagement in science, engineering & technology.
- o > 2000 undergraduate and graduate students from ~30 universities and colleges across the country volunteer with LTS.





# Main projects & Activities



**Green Roof Project**

**Atlantic Salmon Release Project**

**All Science Challenge**

**Saturday Mississauga Program**

**Dixon Youth Education and Sports Center in Etobicoke**

**Genetics, entomology demos**

**Robotics (Lego Mindstorms)**

**Judging science fairs**

**Field/rural/remote trips**

**Hands on experiments**



# The GRP





# The ASRP





# Other activities...



# Areas covered

## Biology

Bacteria, Fungi and Viruses  
Genetics – Drosophila demo  
The Human Body – Hart demo

## Chemistry

Pop Rockets  
Liquids – Miscible & Immiscible  
Acids and Bases

## Earth Science

Climate Change – GRP  
Earth Hour  
Rocks and Minerals

## Physics

Pulleys and Gears

## Engineering

Robotics  
Building Structures

## Energy

Electricity – Balloon power

# LTS @ UTM by the numbers

UTM	Feb. 2009	April 2010	April 2011
Volunteers	34	52	51
Adults reached	53		242
Youth reached	447	779	1549
Activities	20	23	43
Educators	32	28	31

Source: Official reports for each year from the LTS National Office



# **Our local supporters**

**Office of the Dean of Arts & Science**

**NSERC**

**CIHR**

**AMGEN**

