



Electric Vehicle (EV) Awareness Student Learning Program

INTERACTIVE LEARNING

Let our EV experts come to your school to provide your students with a fun and informative learning experience to illustrate the environmental and economic advantages of electric transportation.

In-Line with Ontario Curriculum

This half day program addresses the following areas: Science Discovery, Environmental Discovery/Trades, and Math Discovery. The program features a dynamic presentation that examines electric vehicles, their environmental benefits, their growth in the marketplace and future "green" career opportunities.

Experiential Education

This program includes a series of interactive learning activities. Students will also have a hands-on experience riding in an EV.

Comments about the Electric Vehicle Awareness Program:

“ Thank you for the AWESOME day at your facility yesterday. All students and staff thoroughly enjoyed the day and left with a whole new appreciation and understanding of the electric vehicle technology now available to us. The presentations, workshops and test drives were PERFECT. We were so impressed we would love to bring more students back.” (Bruze Mazer - Bishop Reding Secondary School)

“ My attitude has changed now (about electric vehicles). I have more of an open mind.”
(Student - Twin Lakes Secondary School)

Class Outline

Half Day Program

- 1) **Hands on Electricity - Science Discovery**
 - a) Circuits, batteries, motors/generators
 - b) Learn basic circuits, battery function, properties of motor/generators
 - c) Build circuits and power motors, lights

 - 2) **Charging an Electric Vehicle - Industry Discovery**
 - a) Discussion and demonstration of electric vehicle residential charging stations
 - b) Charging safety, home power requirements, time to charge, home charging benefits

 - 3) **Travel with an Electric Vehicle - Math Discovery**
 - a) Exercise using an electric vehicle public charging smartphone app
 - b) Learn about electric vehicle range, how to find public charging
 - c) Learn about the EV driving lifestyle
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Cost Breakdown

A three hour program at your school that can accommodate up to 30 students at a cost ranging from \$650-\$1000 (negotiable based on variables) + HST + travel cost (if outside of the GTA).

