

ATCO EnergySense Energy Education Mobile

The Energy Education Mobile is the newest initiative of ATCO EnergySense. It is an interactive, unique educational experience designed so students in Grade 4 can learn more about Alberta's energy resources and energy efficiency. It was developed by ATCO EnergySense in consultation with Alberta teachers to align with the Grade 4 curriculum, with a particular focus on Science and Social Studies.

The Energy Education Mobile will travel throughout the province visiting schools and communities. The service is free.

What students learn inside

The Energy Education Mobile can accommodate 16 students at a time for approximately one hour. Two ATCO EnergySense coordinators will facilitate the learning experience, answer questions and ensure students are engaged as they interact with the four learning stations:

1) Alberta's Energy Landscape

Using a touch screen computer game, the students learn about the energy resources in Alberta including where the resource comes from, how it gets to us and how is it used.

2) Electricity: Using it wisely

The goal of this activity is to show students the actions they can take to reduce electricity use in their home. Students evaluate choices presented to them on flash cards, then using a handheld scanner, they select choices and a monitor displays their energy consumption and its effects. The students can enter and change their choices until they have found the set of actions that allow them to reach their energy-saving goal.

3) Heat: Keeping it in

Using picture magnets, students must identify the various areas in a house where heat can be lost and the ways to prevent heat loss.

4) Energy Efficiency Detective

The goal of this module is to reinforce what the students have learned throughout the previous activities. In a small group setting, the challenge is to spot the difference between images that are energy efficient and those that are not.

About the Mobile

- The Energy Education Mobile is a motor home converted into a classroom on wheels. It measures 12 metres long, three metres wide and four metres high.
- The Mobile runs on tallow based bio-diesel and saves about four tonnes of greenhouse gases per year when compared to using conventional diesel.

About ATCO EnergySense

ATCO EnergySense, a joint initiative of ATCO Gas and ATCO Electric, is a dedicated service that provides Albertans with a variety of energy management services. Since 2001, our experts have handled 168,000 energy management requests and completed 49,000 residential energy management assessments resulting in over 46,000 actual tonnes of greenhouse gas emission reductions annually.

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For more information:

Contact us to find out how you can take advantage of the Energy Education Mobile at:

Website: www.atcoenergysense.com

Toll Free anywhere in Alberta: 310-SAVE (7283)

Email: EnergyEducation@atco.com
