



On behalf of Alectra Utilities, *Electricity Safety & Conservation* is pleased to offer electrical safety presentations to elementary school students in grades JK through Grade 8. This note is provided as an overview of what this program entails.

Generally, our presentations deal with **Electrical Safety & Conservation** in the school and home, and outdoors around utility poles, towers and substations. We take the opportunity to touch on other general safety & conservation issues as well.

The program is designed for two age groups: JK-grade 3 and grades 4-8. The students in grades JK-3 meet "Wires" the safety puppet and learn 15-20 safety & conservation messages that they are able to take home to their parents. The students receive a visual of how electricity works and some hands on activities to give them a better understanding of safety & conservation.

The grade 4-8 presentation focuses on electricity safety & conservation issues in more detail. We also discuss electrical hazards in the home, the dangers within electrical substations, and what to do if they are in a car accident involving a utility pole and power lines. We talk about challenges and dares that students may have with each other, also share some serious accidents that have happened to young people who acted on a dare. We explain different kinds of energy, the costs and where they might come from. We show the students different items in the home that consume energy when not in use, and how this can be avoided. The students receive a visual of how electricity works and some hands on activities to give them a better understanding of safety & conservation.

To reinforce our safety messages; we use a variety of teaching aids. The main part of the demonstration is "High Line Hazard", an electrified display of a miniature town, which shows 14 electrical accidents waiting to happen. We also have many inventions that demonstrate the dangers of electricity, such as electrifying a dill pickle with 120 volts. This lights up a darkened room and demonstrates how dangerous electricity could be to our body if we got an electrical shock.

As well we have a PowerPoint presentation to cover more then 35 messages on conservation, which relates to the students of this age.

We have been representing electrical utilities in Ontario since 1992. Each *Electrical Safety & Conservation* presenter has at least 30 years' experience in the electrical field, and has been trained to give consistent, high quality presentations to the elementary schools we visit.

If you have any questions or concerns, please feel free to call.

Yours in Electrical Safety,

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