

August 24, 2009

Dear Administrator and Facilitators:

One of the goals at La Plata Electric Association, Inc. (LPEA) is to prevent all electrical accidents before they happen.

In an effort to help educate the membership, we once again are offering to conduct electrical safety demonstrations for all of the schools in our service territory. We hope by reaching a younger segment of our community at an early age, we can eliminate future accidents due to ignorance. While we do not want to frighten children and cause them to think of electricity as dangerous, we do want them to know why electricity demands such careful respect.

We are interested in targeting all fourth grade and fifth grades if they have not been trained the previous year. As past experience has shown this age group to be very receptive to electrical safety. Electricity seems to be a part of the curriculum already taught at this grade level, but we've found that all classes benefit from the additional, physical demonstration. Our ultimate goal is to do a presentation to these grade levels on an annual basis. This would allow us to reach every student who comes through.

We would appreciate it if you will pass this information along to the appropriate personnel. We look forward to hearing from you or your staff, and working with your school district in helping our future members become safe members.

LPEA also offers training in Energy Efficiency/Conservation and Magnetic training. We can tailor a program to your specific needs. Please find a listing of our programs on the attached page.

Thank you for your time and consideration.

Best Regards,  
*Ray Pierotti*  
Project Manager  
970-382-7770



La Plata Electric Association, Inc.

P.O. Box 2750, Durango, CO 81302-2750  
Phone: (970) 247-5786 • Fax (970) 247-2674  
www.lpea.coop

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### **Electrical Safety Class-**

LPEA offers a table-top safety demonstration and DVD that helps illustrate the danger of electricity when not treated with the proper respect. The demonstration allows us to show students the danger of flying kites around power lines, the danger of a downed power line, and the proper use of construction equipment around power lines, plus more dos and don'ts. The training addresses electricity basics such as "where electricity comes from," benefits of electricity, AC/DC currents, insulators/conductors, circuits and more. It has proven to be a very effective means of communicating our message.

#### **Class Requirements-**

- 15-30 class size recommended. DVD player, 8 ft table with accessible electric for the demo.
- Kindergarten to 4<sup>th</sup> Grade- 30 minutes
- 4<sup>th</sup> grade and above- 45-55 minutes
- Electric Safety book given to kids or teacher at the end of training

Other classes are available as stand alone, or can be combined with the Safety demo; or we can customize training to meet your needs.

### **Arc Demo-**

LPEA linemen use a high voltage line to demonstrate the strength of electricity and the consequence when treated with lack of respect.

#### **Class Requirements-**

- 15 kids minimum. A larger area such as a gym or outdoors is required for the demonstration. An electric outlet needed for the demo, 220V if possible.
- Recommended for grades 4 and above
- Time allotted; minimum 30 to 45 minutes.

### **Exploring Magnets Class**

"How do magnets work?", "What makes a magnet?", and "What is the magnetic field made of"? The children learn, with visual hands-on demonstration, the basic concepts of magnetism. They gain knowledge about magnetic force, magnetic fields and the versatility of magnets and electromagnetism.

#### **Class Requirements**

- 6-20 kids recommended
- Recommended for 4<sup>th</sup> grade , or classes teaching magnetism
- Allow 45 minutes

### **Energy Efficiency, Conservation/Renewable Education**

This is basic information about energy efficiency, conservation and renewable power. Part of the training focuses on efficient CFL lights and what a difference it makes for our environment. It is a reminder of the commitment we all have to the environment. It motivates students to think about behavioral changes and encourages them to share the tips with their family.

#### **Class Requirements-**

- Recommended for 8 years old through High School students.
- Time allotted; minimum 30 minutes.
- Can be combined with Safety Demo, and, if so, allocate additional one hour for the combined program.
- Environmental book and ruler given out at the end of the presentation. The book contains text and activities that can be utilized by teachers after the presentation.