

Electricity

Demonstrations

**A Community in the Classroom Presentation for
Grade 4**

John Fassett
Electrical Engineer

STANDARDS CONNECTION

Grade 4 Physical Science: Atoms have charged particles called protons and electrons. Imbalance in their number leads to charged objects, which behave in interesting ways.

INSPIRATION AND INVOLVEMENT

John has always enjoyed bringing his love of science to students of all ages. Now in retirement he brings his own Van de Graaff generator to have fun and inspire students to pursue the learning of science.

VOCABULARY

Static Electricity, Electrons, Batteries,

LEARNING EXPERIENCES

Demonstration/Activity:

First John will cover some basics about electricity and how it works and then he and the class will make a battery out of a potato. The session will end with a demonstration with the Van de Graaff generator.