**Michael Faraday**

Today in Science class, Mr. Smith taught us about Michael Faraday. He also did a demonstration.

In the demonstration, he took a coil of wire with electricity flowing through it which was hooked up to magnetism detector, and put the North pole of the magnet right above the center of the coil. The needle on the magnetism detector went closer to the North magnetism end of the scale. Then he actually put it inside the center of the coil of wire. The needle went all the way to the North magnetism end of the scale. Then he put the South pole of the magnet inside the coil, nad the needle wnet all the way to the other end of the scale.

Things I learned:

* Michael Faraday was a scientist.
* He discovered that electricity is made to move by moving a magnet inside a wire coil.
* He was able to build an electric motor.
* He built the first generator and the first transformer.
* He was British.
* He discovered how to use induction to generate the flow of electricity.
* A battery uses direct current.
* Everything else electric that we use uses alternating current.
* Hans Christian Oersted was born on April 14, 1777.

