Science Study Guide

Unit 10 Lessons 1-4 Test Electricity

A buildup of electronic charge on something is electricity.

When a copper wire is attached to the positive and negative ends of a battery the effect will be an electric current.

A parallel circuit is when an electronic circuit consisting of a battery, a switch, and three light bulbs are connected.

If a device is made of a battery, a nail, and a long piece of cooper wire. It would convert electrical energy into an electromagnet.

An electric motor is a machine that changes electrical energy into energy of motion.

The paper bits on a plate are attracted to a comb and stick to it, when a comb is rubbed with a wool cloth and the comb is held near but not touching the plate.

The objects repel each other when an object with a negative charge comes in contact with another object with a negative charge.

When a wool cloth is used on a balloon and given a negative charge then the balloon is held near a wall, the balloon will stick to the wall because of a negatively charged object is attracted to an uncharged object.

When 2 tennis balls are hung by string close together but not touching and later they are touching the two balls have both gain positive opposite charges.