

What did his experiment prove? _____

What did he invent that saved his home and many other homes and buildings from fire when they were struck by lightning? Illustrate and label it below.



What did Count Alessandro Volta develop? Illustrate and label it below.



What did he build it out of? _____

Why was Volta's invention significant? _____

What did Hans C. Oersted prove? _____

What did Michael Faraday and Joseph Henry prove? _____

What did Nikola Tesla invent? Illustrate and label it below.



What type of device was it, and do we still use it today? _____

What two things did Thomas Edison invent in 1877? _____

When did Edison invent a way to make a carbon filament from burned sewing thread?

What is matter made of? _____

Who discovered the electron? _____

When is electricity produced? _____

What three kinds of charges do the parts of an atom have?

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Electrons move from a place that has too much of what kind of charge? _____

Where do electrons move to? _____

What do we feel when electrons on our bodies discharge or jump to something else?

What is a big problem with static electricity? _____

Name an example of a good conductor and a good insulator.

Conductor	Insulator

List the four main ways electricity is measured and briefly describe each one.

What is the job of a fuse? _____

Illustrate and write what you learned about three different kinds of light bulbs.

Type	Description