

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.



A large, empty rounded rectangular box with a black border, intended for drawing and labeling an invention. A large, light gray watermark reading "SAMPLE" is diagonally overlaid across the box.

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?

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What is matter made of? \_\_\_\_\_

Who discovered the electron? \_\_\_\_\_

When is electricity produced? \_\_\_\_\_

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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? \_\_\_\_\_

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Where do electrons move to? \_\_\_\_\_

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

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What is a big problem with static electricity? \_\_\_\_\_

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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