Colegio Pequeños Bilingües
Fourth Period

Qca. Jaznemileth Grillo Garavito	Grado: Quinto primary
Topic: Electricity	SHOW ME WHAT YOU KNOW

Name:_____

Date	Name of day	Month	Day number	Year	Score:

Goal. The student recognizes the basic principles of electricity, classifies materials according to their conductive or insulating nature. Identify the parts of a circuit and classify them.

I. Read the text and answer the questions.

How is electricity used?

Everything is made up of tiny particles. These particles may have positive or negative charges. Electricity is the presence or flow of these charged particles.

All materials contain negatively-charged particles called electrons. In metals the electrons are free to move, which means they are good conductors of electricity. If there is a complete circuit a battery can push electrons all around the circuit. This is an electric current. We use electric currents to control and operate devices, including phones, computers and light bulbs.

Some materials do not conduct electricity – they are insulators. Imagine rubbing a balloon on your jumper. The balloon and jumper are each made of different insulating materials. As you rub, electrons move from the jumper to the balloon, so negative charge builds up on the balloon. If you touch the balloon, you may feel a shock as the charge travels through you to the ground.

a. What is the name of the tiny positive and negative charges?

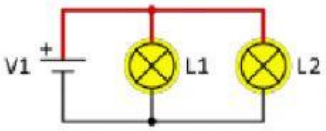
b. Why is electricity generated?

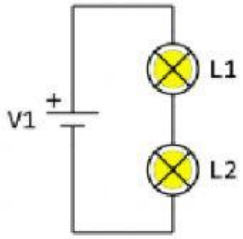
c. List three conductive and three insulating materials:

2. Describe how electricity gets to the house. (how light is generated, how it travels and what type of circuit).

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_____
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3. Classify the circuits:

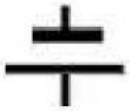




4. What is the difference between a series circuit and a parallel circuit?

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5. Name and describe the following parts of the circuit:

	Name: Description:

	Name: Description:

	Name: Description:

	Name: Description: