

**ELECTRICITY**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Class: 12th Grade **(4° Medio)** Teacher: Valentina Espinoza

Date: May, 2020.

Objective: Learn basic vocabulary about electricity.

1. **Read the definitions. Use translator if necessary.**

VOCABULARY DEFINITION

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| electricity | the energy caused by the flow of particles with negative electrical charges (electrons) |
| static electricity | a buildup of electrical charge |
| attract | to draw near |
| repel | to push away |
| discharge | when a buildup of electrical charge empties into something |
| conductor | a material through which electricity flows easily |
| insulator | a material through which electricity does not flow |
| atom | the smallest unit of an element that still has the properties of the element |
| proton | the part of an atom that has a positive electrical charge (+) |
| electron | the part of an atom that has a negative electrical charge (-) |
| neutron | the part of an atom that has no electrical charge |
| nucleus | the central core of an atom |
| friction | rubbing two things together |
| lightening | a discharge of static electricity from a thundercloud |
| circuit | a complete path that electricity can move through |
| current electricity | a moving electrical charge from atoms with extra electrons to atoms with missing electrons |
| closed circuit | a complete circuit |
| open circuit | an incomplete circuit |
| switch | a device that can open or close a circuit |
| series circuit | a circuit in which the current must flow through one bulb in order to flow through the other |
| parallel circuit | a circuit in which each bulb is connected to the cell separately |
| volt | a unit for measuring the force that makes negative charges flow |
| electric motor | a device that changes electrical energy into mechanical energy |
| electromagnet | a temporary magnet created when current flows through wire wrapped in coils around an iron bar |

1. **CHOOSE** 10 WORDS. **Write** sentences per each Word in English**. Translate** into Spanish.

Example: SWITCH 🡪 The teacher asked me to turn on the switch.

 El profesor me pidió que apagara el interruptor.

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