

# ALL ABOUT ELECTRICITY

1- Electricity is a form of \_\_\_\_\_, just like thermal energy, sound energy or nuclear energy.

2- Electricity can be generated in \_\_\_\_\_ stations.

3- All matter is made of particles called \_\_\_\_\_. They are the building blocks of everything in the universe. They are made up of three smaller particles. One part of the nucleus is called a \_\_\_\_\_, it has a positive charge. The other part of the nucleus is called a neutron, it has a \_\_\_\_\_ charge. An \_\_\_\_\_ orbits the nucleus and has a \_\_\_\_\_ charge.

4- If an object has the same number of electrons and \_\_\_\_\_, it will be electrically \_\_\_\_\_. This means that the charges are balanced.

5- If an object has more protons than \_\_\_\_\_ or more electrons than \_\_\_\_\_, it will be electrically charged. This means that the charges are no longer balanced.

6- Electrically charged objects can attract or \_\_\_\_\_. Another word that means the same as pull together is \_\_\_\_\_. Another word that means the same as push apart is \_\_\_\_\_.

7- **Read** the information. **Choose** the correct information. **Write** first conditionals:

If objects \_\_\_\_\_ (have) opposite charges, they \_\_\_\_\_ (attract / repel).

\_\_\_\_\_, \_\_\_\_\_.

If objects \_\_\_\_\_ (have) identical charges, they \_\_\_\_\_ (attract / repel).

\_\_\_\_\_, \_\_\_\_\_.