

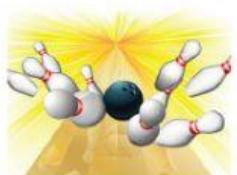
## ALL ABOUT MATTER

1.- Drag and drop the following words to complete these sentences:

**MOVEMENT**   **KINETIC**   **ENERGY**   **DIRECTION**   **MECHANICAL**   **POTENTIAL**

- a) ..... appears in many forms.
- b) Energy that produces movement is called ..... energy.
- c) There are two types of mechanical energy: ..... and potential.
- d) When you lift an object you give it ..... energy.
- e) ..... is a form of kinetic energy.
- f) Mechanical energy is used to change the ..... of an object in motion.

2.- Classify the following examples: write **KINETIC ENERGY** or **POTENTIAL ENERGY**.



3.- Join the forms of energy with their examples:

CHEMICAL



a hot bath

MECHANICAL



a plate of pasta

THERMAL



a ball rolling downhill

ELECTRICAL



a fission reaction

NUCLEAR



a bulb lamp

LIGHT



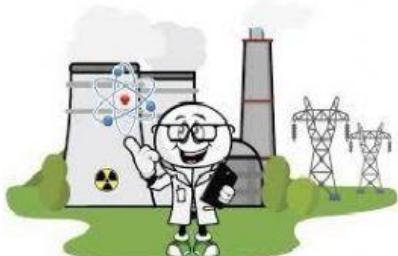
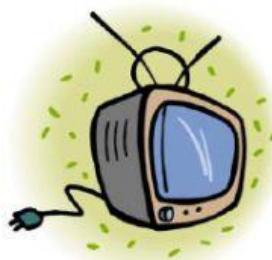
a computer device

POTENTIAL



a roller coaster at the top of a hill

4.- Write the form of energy that is being used in these examples: **CHEMICAL ENERGY, MECHANICAL ENERGY, THERMAL ENERGY, ELECTRICAL ENERGY, NUCLEAR ENERGY or LIGHT ENERGY.**



5.- Transformation of energy. Read and write the energy:

- Wind turbines transform the mechanical energy of the wind into ..... energy.
- Hydroelectric dams transform ..... energy of moving water into electrical energy.
- A toaster transform electrical energy into ..... energy.
- Fuels and petrol transform ..... energy into movement.