

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**.



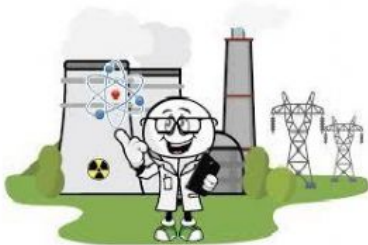
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5.- Transformation of energy. Read and write the energy:

a) Wind turbines transform the mechanical energy of the wind into energy.

b) Hydroelectric dams transform energy of moving water into electrical energy.

c) A toaster transform electrical energy into energy.

d) Fuels and petrol transform energy into movement.

