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:

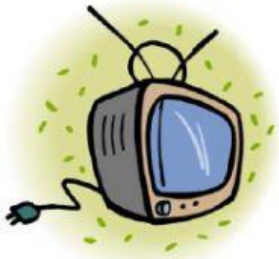
CHEMICAL	a hot bath
MECHANICAL	a plate of pasta
THERMAL	a ball rolling downhill
ELECTRICAL	a fission reaction
NUCLEAR	a bulb lamp
LIGHT	a computer device
POTENTIAL	a roller coaster at the top of a hill

LIVEWORKSHEETS

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.

LIVEWORKSHEETS