



Student's name		Date:
Teacher's name	Jose Manuel Bedoya Rodríguez	Group:

PERFORMANCE INDICATORS

- Identifica la energía como elemento vital para el ser Humano y la reconoce en sus diferentes formas.

THE ENERGY

The energy is a characteristic related to the objects and substances and it can be seen in the transformations that occur in nature. Energy is present in a great number of forms and it is essential for everything we do, from making electronic devices function to even breathe and live.

There is energy in everything, therefore, there is a lot of types of energies. There is energy when the objects move, when they don't, when their particles move and in many other situations

Using the notes on your notebook and all the resources you would like to use too, answer the following questions.

1. Why is energy important?
 - a. Because without energy there can't be internet.
 - b. Because everything needs energy to function.
 - c. Because the electronic devices would not work.
 - d. Because the light bulbs wouldn't exist.
2. Carlos was at the airport waiting for his flight to arrive. He looked out the window and saw many cars and planes moving around. He knows those objects have different types of energy depending on what they are doing. He sees a plane taking off and he knows that the plane has a type of energy while it is moving. What kind of energy does it have?
 - a. Potential energy.
 - b. Thermal energy.
 - c. Kinetic energy.
 - d. Electric energy.

3. What is energy?

4. Use the words in the word bank to complete the definitions.

Word Bank

Thermal energy kinetic energy potential energy

Movement Particles

- The _____ is the energy that an object has thanks to the movement of its _____.
 - The _____ is the energy and object has when there is no _____.
 - _____ is the energy an object has thanks to its own movement.
5. Mary goes with Anna to the country side one day. When they are walking, they see a high hill with a big rock on the top. They decide that they want to make it roll down the hill but they can't because it is too heavy. They know that the rock has energy when it is not moving. What type of energy does the rock has when it is not moving?
- a. Kinetic energy.
 - b. Thermal energy.
 - c. Potential energy.
 - d. Position energy.