

GIMNASIO BILINGÜE CAMPESTRE MARIE CURIE
SCIENCE
SECOND TERM
QUIZ
FOURTH GRADE

NAME _____ **DATE** _____

1. Energy is the ability to do _____.
 - a) Nothing
 - b) Work
 - c) Energy
 - d) Change
2. A heater in a fish tank is an example of _____ energy transfer.
 - a) Conduction
 - b) Convection
 - c) Radiation
3. Sound energy is caused by
 - a) Force
 - b) Vibrations
 - c) Instruments
 - d) Air
4. What will happen if you pour cool milk into a hot pot?
 - a) Hot objects cool down quickly.
 - b) Cool objects warm up quickly.
 - c) Heat moves from hot objects to cold objects.
 - d) Heat moves from cold objects to hot objects.
5. Charlotte observes the movement of a stability ball in her classroom. She describes what she observes. Which description shows that the ball gains energy?
 - a) The ball rolls faster.
 - b) The ball maintains a constant speed.
 - c) The ball stays at rest.
 - d) The ball rolls slower.
6. What energy change takes place when Sam plugs a radio into an electrical outlet?
 - a) Light energy changes into sound energy.
 - b) Electrical energy changes into sound energy.
 - c) Sound energy changes into electrical energy.
 - d) Chemical energy changes into sound energy.

7. When a light bulb is turned on, energy changes from one form to another. Which of the following best describes this change?

- a) Light energy to magnetic energy
- b) Electrical energy to light energy
- c) Light energy to sound energy
- d) Mechanical energy to sound energy





8. Write renewable or non-renewable in every space.

<input type="text"/> energy sources	<input type="text"/> energy sources
<ul style="list-style-type: none"> • Petroleum • Coal • Natural gas • Uranium 	<ul style="list-style-type: none"> • Solar energy • Hydroelectric energy • Wind energy • Biofuels

9. Marie had a glass of water. The temperature of the water was 40 °C. Then Marie added some ice cubes to the water. After 10 min, what would the temperature of the water most likely be?

- a) 50 °C
- b) 45 °C
- c) 40 °C
- d) 35 °C

10. Look at the pictures and write the corresponding kind of energy (kinetic energy or potential energy)

 <p>The wagon is rolling</p> <p>_____</p>	 <p>The apple is hanging on a tree.</p> <p>_____</p>
 <p>The bird is standing on the box</p> <p>_____</p>	 <p>The octopus swims through the water</p> <p>_____</p>