

**Bangladesh International School**  
**English Section, Riyadh. KSA.**  
**PRACTICE SHEET Answer key**

Name: \_\_\_\_\_  
Grade: 3  
Date: \_\_\_\_\_

Subject: Science  
Section: \_\_\_\_  
Chapter: **13(L-1, 2, 3)**

  
19/04/2020

1. Define the following

a) Potential energy:

Ans: It is the stored energy of an object because of its position.

b) Kinetic energy:

Ans: It is the energy of an object because of its motion.

c) Thermal energy:

Ans: The energy of moving particles in matter is called thermal energy.

2. Answer the following:

a) Name two types of energy that travel in a wave.

Ans: Two types of energy that travel in wave are- light energy & the energy carried by water waves.

b) What are four different kinds of heat sources?

Ans: Four different heat sources are the sun, electrical energy, chemical changes and friction.

c) Name six forms of energy.

Ans:

- I. Light energy
- II. Sound energy
- III. Heat energy
- IV. Chemical energy
- V. Electrical energy
- VI. Kinetic energy

d) What happens to energy as it travels away from the source?

Ans: It becomes weaker. Some energy may transfer to another form of energy, the rest of the energy is released or given off as heat.

**3. Write True or False:**

<b>a) Chemical energy can be stored in batteries.</b>	<b>TRUE</b>
<b>b) Friction caused by rubbing gives off heat.</b>	<b>TRUE</b>
<b>c) Liquid water boils as it turns to ice.</b>	<b>FALSE</b>
<b>d) Potential energy can change to kinetic energy.</b>	<b>TRUE</b>
<b>e) Electrical charges give off heat.</b>	<b>FALSE</b>
<b>f) Energy is often useful when it is changing form.</b>	<b>TRUE</b>