

**Value*:*** “Respect yourself above all.”

The National Orthodox School

Science Worksheet /**Unit 6**

Name: Grade: 5(A+B)

Date: / /2023

***Forms of Energy***

Choose the correct form of energy to each picture.

|  |  |  |  |
| --- | --- | --- | --- |
| **Heat energy** | **Mechanical energy** | **Electrical energy** | **Chemical energy** |
| **Potential energy** | **Sound energy** | **Light energy** | **kinetic energy** |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| kinetic | chemical | mechanical | light |
|  |  |  |  |
| potential | electrical | sound | heat |

**Write the correct form of energy**

|  |  |  |
| --- | --- | --- |
| **Form of energy** | **example** | **picture** |
| Heat - light | **fire, iron** |  |
| Light –( heat) | **light bulb, sun** |  |
| chemical | **battery, food,**  **fossil fuels** |  |
| sound | **music,** |  |
| atomic | **nuclear power** |  |
| potential | **any object that has height** |  |
| electrical | **computer, stove, appliances** |  |
| kinetic | **Car moving, bike moving** |  |

**Match the forms of energy to the definitions**

1. The energy that a moving object has . c **sound energy**
2. The energy stored in matter that is released d **light energy**

when there is a chemical reaction.

1. Vibrations of the air that we detect with our a **kinetic energy**

sense of hearing.

1. The energy produced by a light

source. It permits us to see things. f **electrical energy**

1. The energy an object has when it is high up. B **chemical energy**
2. The energy produced by an electric current. E **potential energy**