



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION  
27, Ballygunge Circular Rd, Kolkata- 700019



**Sub: Science**  
**Lesson: Force, Work and Energy**

**Term: First**  
**Class: 4**

**Date: 25.04.20**  
**Topic: Energy**

## ANSWER WORKSHEET - VI

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### 1. Fill in the blanks:-

- a) The Sun is the source of **solar** energy.
- b) **Fuels** are materials that produce energy when burnt.
- c) Wind and water are **natural** resources.
- d) Hydropower stations use the energy of flowing water to generate **electricity**.

### 2. Match the following:-

- |                            |     |  |
|----------------------------|-----|--|
| a) The sun, wind and water | (b) | use wind energy to generate electricity.                 |
| b) Wind turbines           | (a) | are natural sources of energy.                           |
| c) Hydropower stations     | (d) | fuel   |
| d) Petrol                  | (c) | use the energy of flowing water to generate electricity. |

### 3. Name the form of energy used in the following:-

- a) To run a truck: **Fuel energy**
- b) To generate electricity by windmills: **Wind energy**
- c) Photosynthesis: **Solar energy**
- d) To pedal a bicycle: **Muscular energy**

### 4. Answer in one or two words:-

- a) Which gas is made from cow dung?

**Ans:- Gobar gas**

- b) What gives us the ability to do work?

**Ans:- Energy**

- c) Which energy helps us to do physical work?

**Ans:- Muscular energy**

- d) What fuel is used in our homes to cook food?

**Ans: Liquefied Petroleum Gas/ Piped Natural Gas**

### 5. Give the full form of the following:-

- a) CNG:- **Compressed Natural Gas**
- b) LPG:- **Liquefied Petroleum Gas**
- c) PNG:-**Piped Natural Gas**

**6. Draw and colour a 'Windmill'.**

