



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

27, Ballygunge Circular Rd, Kolkata- 700019

Term: First Term



Sub: Science

Class: 4

Date: 25.04.20

Lesson: Force, Work and Energy

Topic: Simple Machines- (Screw, Wedge, Pulley)

ANSWER WORKSHEET- V

1. Fill in the blanks:-

- a) A **pulley** is a simple machine made up of a wheel and a rope.
- b) A **screw** is actually an inclined plane that winds around itself.
- c) A **wedge** is a simple machine used to push two objects apart.
- d) Screws are used to hold objects **together**.

2. Write True or False:-

- a) Wedge is made up of two inclined planes. **True**
- b) A pulley is a simple machine made up of a wheel only. **False**
- c) The lid of a bottle or jar is an example of a screw. **True**

3. Match the column:-

- | | | |
|-----------------------|-------|-------------------------|
| a) Knife | (c) | screw |
| b) Wheel and a rope | (a) | wedge |
| c) Wrench | (d) | lower and raise things. |
| d) Screws are used to | (b) | pulley |

4. Read the following and name the simple machines:-

- a) It is used to hold the objects together. **Screw**
- b) It is used to split things apart. **Wedge**
- c) It is used to draw water from a well. **Pulley**
- d) It has ridges and is not as smooth as a nail. **Screw**

5. Answer in one or two words:-

- a) Which simple machine is made up of two inclined planes?

Ans:- Wedge

- b) Which simple machine is used to lift water from a well?

Ans:- Pulley

- c) Which simple machine is used to lower and raise things?

Ans:- Screw

- d) What is used for cutting or splitting food apart?

Ans:- Fork

6. Draw and label any one of the simple machine given in bracket: (Screw, Wedge or Pulley)

Screw



Wedge



Pulley

