



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)

WORKSHEET - V



1. Fill in the blanks:-

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

2. Write True or False:-

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

3. Match the column:-

- | | | |
|-----------------------|----------------------|-------------------------|
| a) Knife | <input type="text"/> | screw |
| b) Wheel and a rope | <input type="text"/> | wedge |
| c) Wrench | <input type="text"/> | lower and raise things. |
| d) Screws are used to | <input type="text"/> | pulley |

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

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

5. Answer in one or two words:-

- a) Which simple machine is made up of two inclined planes?
- b) Which simple machine is used to lift water from a well?
- c) Which simple machine is used to lower and raise things?
- d) What is used for cutting or splitting food apart?

6. Draw and label any one of the simple machine given in bracket:- (screw, wedge or pulley)