



# ST. LAWRENCE HIGH SCHOOL

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



Term: First Term

Date: 23.04.20

Sub: Science

Class: 4

Lesson: Force, Work, and Energy

Topic: Work, Simple Machines – (Lever, Inclined Plane, Wheel and Axle)

ANSWER WORKSHEET - IV

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## **1. Fill in the blanks:-**

- A bottle opener is an example of a **lever**.
- Huge blocks of **stone** were pushed and pulled up on inclined planes to build 'the great **pyramids** of Egypt.'
- Simple machines** make our work easier.
- Work** is said to be done when force is applied on an **object** and makes it move.

## **2. Name the simple machines used to do the following work:-**

- Cutting nails with a nail cutter: **Lever**
- Moving a heavy box from its place: **Inclined Plane**
- Stitching clothes with the help of a sewing machine: **Wheel and Axle**
- Cutting paper with the help of a pair of scissors: **Lever**

## **3. Answer in one or two words:-**

- How many type of simple machines are there?

**Ans: - Six.**

- Which simple machine is used to move an object to a lower or higher place?

**Ans: - Inclined Plane.**

- Which tools make our work easier in our daily lives?

**Ans: - Simple Machines.**

- Which simple machine is used in the bullock cart for its movement?

**Ans: - Wheel and Axle.**

## **4. Underline the correct option given in brackets:-**

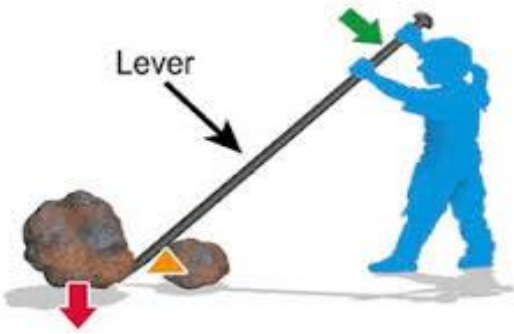
- A man pushing a car, but not able to move it. (Work done/ **No work done**)
- Pushing a table and making it move. (**Work done**/ No work done)
- A small boy pushing a cupboard, but not able to move it. (Work done/ **No work done**)
- Pulling a cart and making it move. (**Work done**/ No work done)

## **5. Give one example of the following simple machines:-**

- Wheel and axle: **Roller Skates.**
- Lever: **Bottle Opener.**
- Inclined Plane: **Slide.**

6. Draw and label *any one* of the Simple Machine given in bracket: (Lever, Inclined Plane and Wheel & Axle)

**LEVER**



**INCLINED PLANE**



**Wheel & Axle**

