

# **St Thomas School, Indirapuram (2019 – 20 )**

**Subject : Science**

**Worksheet ( L-13 Force, Work and Energy)**

**Class-IV**

## **I Fill in the blanks.**

- 1 Plants use \_\_\_\_\_ energy to prepare their food. .
- 2 \_\_\_\_\_ is the ultimate source of energy .
- 3 Work is done when an object changes its \_\_\_\_\_.
- 4 \_\_\_\_\_ is the ability to do work .

## **II Name the following**

- 1 A force that helps us to walk
- 2 Simple machine used to lift a bucket of water

## **III Circle the odd one out and give reason for your choice**

- |   |              |             |              |          |
|---|--------------|-------------|--------------|----------|
| 1 | Solar energy | Heat energy | Light energy | Friction |
| 2 | Scissors     | Screwdriver | Hammer claws | Pliers   |

## **IV Give Reason.**

- 1 We often fall on wet and slippery floor.
- 2 It is easy to open the lid of a tin can with the help of a spoon handle.

## **V Answer the following questions.**

- 1 What would happen if earth had no gravity ?
- 2 Write any three characteristics of Force.
- 3 Which force we can apply when we have energy in our body?
4. Write the difference between solar energy and hydro energy

## **VI Draw the different types of simple machines and name them.**