

**Assignment:-5 Subject: Science Class:-IV Teacher:-Mrs. Neena Gupta**

**Name:-\_\_\_\_\_ Class & Sec.:-\_\_\_\_\_ Roll No.:-\_\_\_\_\_ Date:-**

**Lesson :-13 Force work and energy**

**Define the following :-**

- 9) Wheel and axle - Simple machine consists of wheel attached to a rod called axle.**
- 10) Inclined Plane - Is a slope that is used to move something up or down from one level to another .**
- 11) Screw - A screw is an inclined plane which is wrapped around a cylinder, used to hold things together.**
- 12) Wedge - Any machine having a sharp edge in front and a blunt edge at the back. It is used to split or cut things.**
- 13) Energy- It is the ability on the capacity to do work .**
- 14) Solar energy - The energy obtained from the sun.**
- 15) Electrical energy- Energy used to run machines like light bulbs, fans , geysers etc.**
- 16) Heat energy- The energy used to cook food, warm houses and offices in winter, iron clothes etc.**