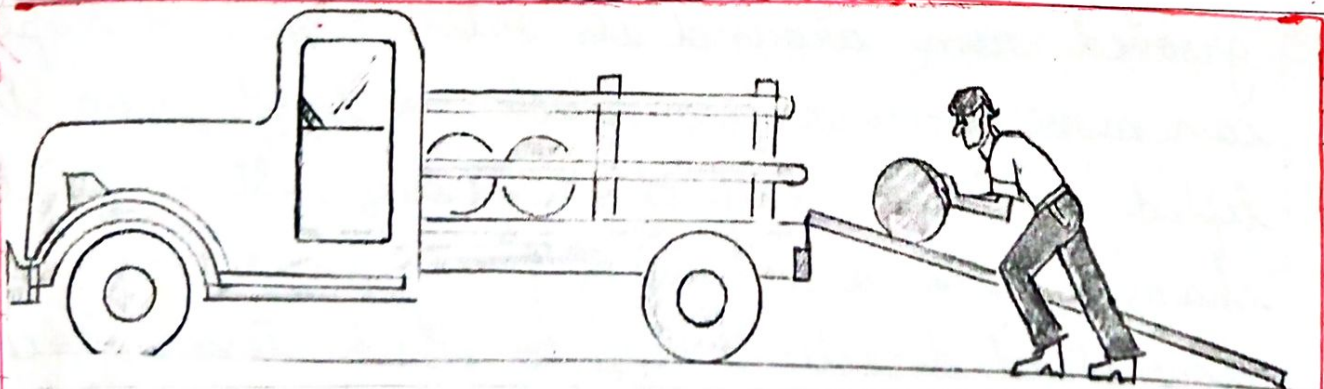


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Tender Heart High School, Chandigarh
Class-V Subject - Science
Chapter - II Machines Date: 25/11/24
Teachers: Mrs Nimmita

Good Morning Children! This lesson is for Class-V, Subject - General Science, Chapter-II, Machines of your textbook New Trends in Science, Evergreen Publications. It is being submitted to you on 25th November, 2024. In the last lesson, we have discussed about a simple machine called as 'Lever'. Today, we are going to discuss the other types of simple machines - Inclined plane, pulley, wedge, screw and wheel and axle.

★ Inclined plane: An inclined plane is a simple sloping surface which is used to push up the objects, instead of lifting them up. eg: Ramps.



Inclined Plane.

Teacher: Nimrita

2) Wedge: The wedge works on the principle of an inclined plane. It has two inclined surfaces put together to have a sharp cutting edge. eg: Axe, knife.

3) Screw:- A screw is an inclined plane coiled spirally onto a cylinder. It has ridges that hold things together much better than a nail.

4) Pulley: A pulley is used to lift heavy loads very easily. It changes the direction of force. A pulley is used to draw water from a well. It consists of a wheel with a groove and having a rope around it.

5) Wheel and Axle: The wheel and axle is a simple machine in which a wheel is attached to a cylindrical rod called axle. eg: Bicycles, cars etc.

With this topic, we have completed the chapter. Kindly do worksheet-2 in your notebook.

Thank you!