



SHREE VASISHTHA VIDHYALAYA

Science Worksheet 2025-26



Name :- _____

Worksheet No : PA-2

Std.:- V - _____
Date :- _____

[Ch-11 Simple Machines](#) | [Ch-6 Air & Its Uses](#) | [Ch-10 Volume, Weight & Density](#)

Q-1) Choose the correct option

Q-2) Fill in the blanks

- 1) A nail is an example of a _____.
- 2) _____ in the air is needed by plants for photosynthesis.
- 3) Volume is the amount of _____ occupied by an object.
- 4) The standard unit of mass is _____.
- 5) A ramp is an example of an _____ plane.
- 6) Volume of a vessel = length \times breadth \times _____
- 7) The heaviness or lightness of an object is called its _____.
- 8) A stone sinks in water because its density is _____ than water.

9) Air is _____ dense than water.

10) Solids generally have _____ density than liquids.

Q-3) Match the following

1) Screw	a) beyond 500 km.	1- _____
2) Pulley	b) used to cut	2- _____
3) Wedge	c) bottle cap	3- _____
4) Lever	d) Seesaw	4- _____
5) Scissors	e) axe	5- _____
6) Volume	f) space taken by an object	6- _____
7) Exosphere	g) helps in lifting load	7- _____

Q-4) Case Study

Ravi filled two bottles with water. One was glass, one was plastic. He dropped both in a bucket of water. The glass bottle sank, but the plastic bottle floated.

1. Why did the glass bottle sink?

2. Why did the plastic bottle float?

Q-5) Picture Talk

Look at the picture given below and answer the following questions:

Q:1 Identify two simple machines in the bicycle and explain their use.



Q.1 What is this machine called?



Q.2 What is the use of it in hospital?

F. Think and Answer

1. If air did not exert pressure, would it be possible to drink using a straw.
