

MATTER

CHAPTER NO.2 SUB: PHYSICS

CHANGING YOUR TOMORROW

LEARNING OUTCOMES

- Students will be able to
- Determine density of an irregular solid.
- Determine density of a liquid.
- Determine density of a bottle.

CHANGING YOUR TOMORROW

POINTS TO BE COVERED

- Determination of density of an irregular solid,
Density of a liquid, density bottle.

CHANGING YOUR TOMORROW

INTRODUCTION

Define the term density.

Name the SI unit of density

Density

Demonstrate how to find out mass of a solid.

Demonstrate how to find out volume by using displacement method.

Explain how to calculate density.

<https://youtu.be/s5u5cmA9Dp0>

DENSITY

- Find the mass of the liquid.
- Find the volume of the liquid by using a measuring cylinder.
- $D = m/v$

DENSITY BOTTLE

- A density bottle is a specially designed bottle used to determine the density of a liquid.
- It is a small glass bottle having having a glass stopper at its neck.



- 2. Measuring beaker:
- It is made up of plastic or glass or metal like aluminium.
- 3. Eureka Can: A eureka can is a glass or polythene or metal beaker with a side opening near its mouth which is known as spout.



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HOME ASSIGNMENT

➤ Exercise: B-1,2,3.

THANKING YOU
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