

MATTER

CHAPTER NO.2 SUB: PHYSICS

CHANGING YOUR TOMORROW

LEARNING OUTCOMES

- Students will be able to

Students will be able to

Understand the concept of floating and sinking

Explain the principle of floatation.

Apply this principle of floatation in making sub marine.

CHANGING YOUR TOMORROW

POINTS TO BE COVERED

Floating and sinking, Principle of floatation, application of floatation.

CHANGING YOUR TOMORROW

INTRODUCTION

- Define relative density.
- What is the SI unit of relative density?

FLOATATION

The teacher will explain the principle of floatation by showing a video.

<https://youtu.be/khc2wUBsFU4>

<https://youtu.be/2dyCe1GPagE>

Principle of floatation

- When a body is immersed in a liquid, the following two forces act on it.
- The weight of the body

- Floatation of iron sheep
- Floatation of a man
- Floatation of ice on water.

HOME ASSIGNMENT

- Exercise: B-18,19,20
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THANKING YOU
ODM EDUCATIONAL GROUP

