

ARBOR INTERNATIONAL SCHOOL

E-Learning module/file



GRADE: VI

MONTH/WEEK/DATE: April / **Week-2/** **Date- 11--4- '22 to 16-4-'22**

SUBJECT: PHYSICS
AND MS. NISHI GUPTA_

NAME OF THE TEACHER: MS. AGNEL NEELAM

Notes for the parents:

- Dear parents, we hope that this learning module for the week serves its purpose with regards to student's understanding and learning.
- The learning content for the week is attached day wise in this module to facilitate learning for your ward.
- For better clarity, kindly zoom the content.
- You can enlarge the content by clicking on the right bottom corner of the screen where the zoom option is given.
- Please refer to the page numbers of the text book mentioned in the module for the learning content which is mentioned in the day wise planning. E-content is attached in the module as well.
- Important notes for the chapter are attached with the learning module and the student must go through those for revision of the concepts.
- By the end of the chapter, the students should be able to understand the following:
1. Laws of reflection and regular and irregular surfaces

Thank you

MS. AGNEL NEELAM

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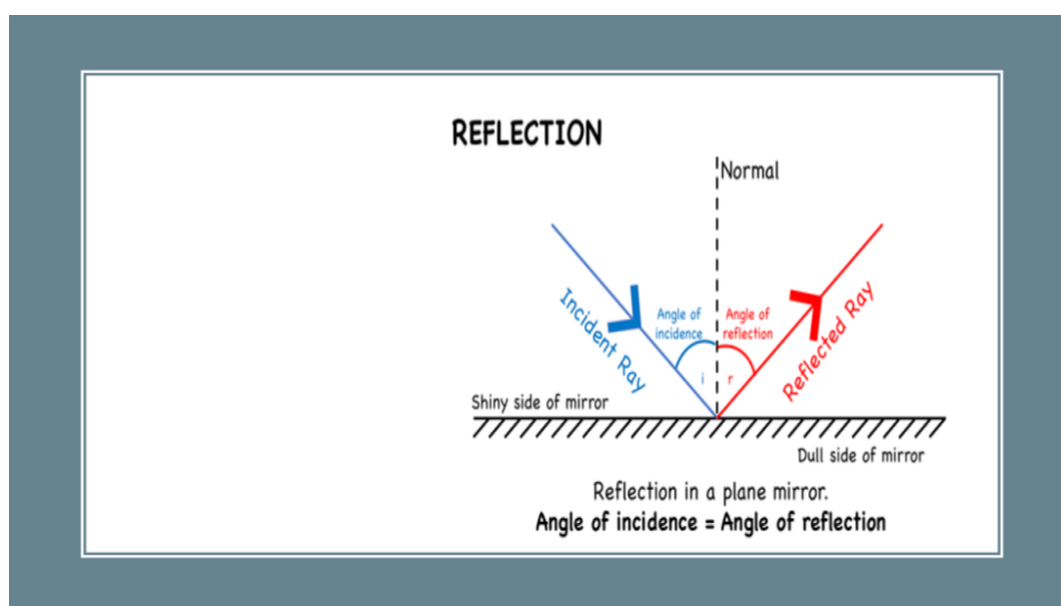
NAME OF THE TEACHER: MS. AGNEL NEELAM

Kindly refer page no- 206- 211 - Ls. Light, Shadows & Reflection

<u>DAYS</u>	<u>TOPIC</u>
<u>DAY - 1</u>	<u>Lesson 13: Light, Reflection & Shadows</u> ► <u>Laws on Reflection</u>

CONTENT - Day 1

- **Objectives:** To familiarize children with the terms involved in the laws of reflection of light.
- To make them understand the laws of reflection of light.

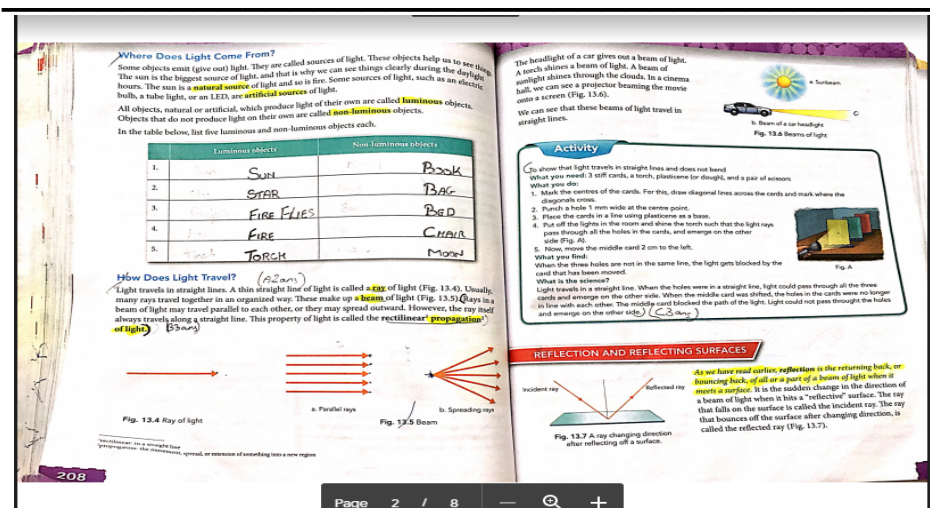


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[Please follow the link:](#)

➤ **Beam of light, Properties of light, reflection & lateral inversion** ↓

<https://www.youtube.com/watch?v=ruFyaM9BsLM>

https://www.youtube.com/watch?v=A4jseVHjI_4

<https://www.youtube.com/watch?v=5w2rYSHqAm0>

NOTES

Ls. 13. Light, Reflection & Shadow

Aim : To learn about sources of light, propagation of light, laws of reflection, formation of shadows and eclipses.

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Question & Answers

1. Define reflection. Give the laws of reflection with the help of a diagram.

A. The bouncing or returning back of all or a part of light when it meets a surface is called reflection of light.

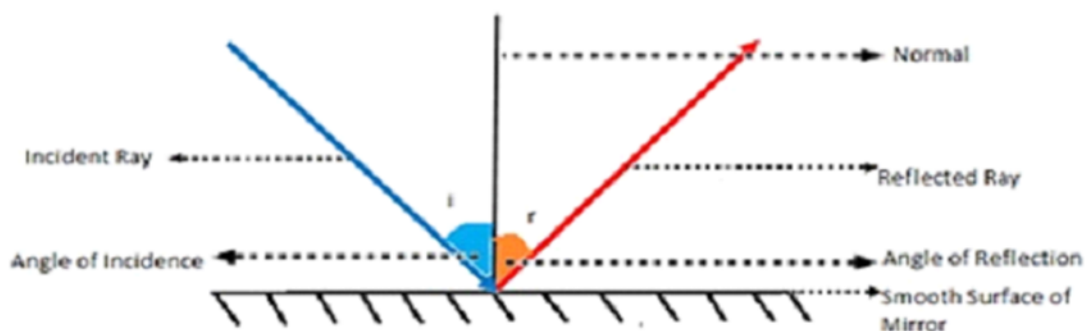
Laws of Reflection

Law 1 : The incident ray (i), the normal at the point of incidence and the reflected ray (r) all lie in the same plane.

Law 2 : Angle of incidence is equal to the angle of reflection

$$\angle i = \angle r$$

Laws of Reflection



End of module
