

Tender Heart High School, Chandigarh

Class-V

Subject - Science

Date:

Chapter-10

Light and Shadow

4th Nov, 2024

Teacher: Mrs Minnie

Good Morning Children! This lesson is of Class-V for the subject of General Science, topic Light and Shadow, Chapter-10 of your textbook 'New Trends in Science, Evergreen publications. It is being submitted to you on 4.11.24 Today, we are going to discuss the features of light and transparent, translucent and opaque objects.

Light is a form of energy. Light is needed to see things around us.

Sun is the main source of light.

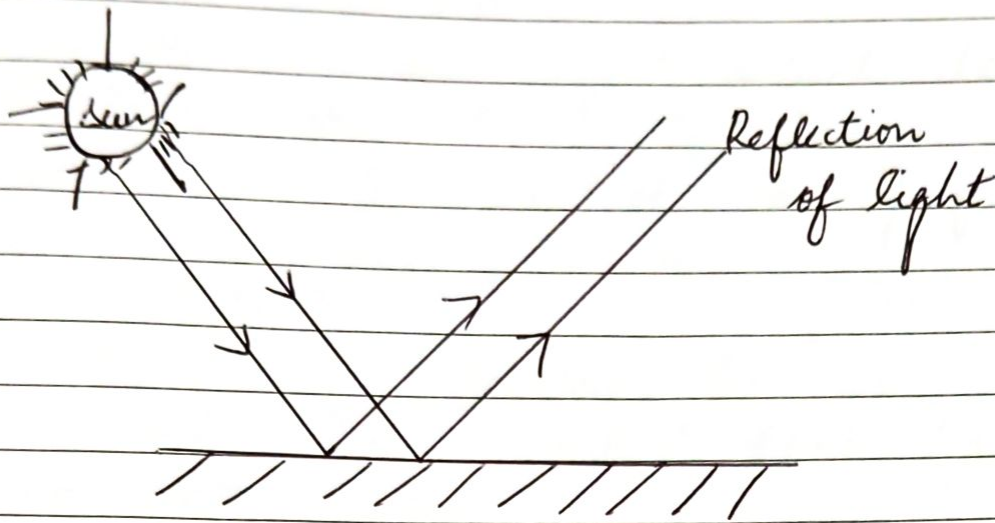
The part of the Earth that receives sunlight has day and the part of the Earth that does not get sunlight has night.

Properties of light.

- 1.) Light produces sensation of vision.
- 2.) Light travels in a straight line
- 3.) Light can be reflected and refracted.
- 4.) Reflected light helps us to see.
- 5.) Light travels at a very-very high speed.

Class-VSubject: Science.Chapter-10

Date: 4.11.24

Teacher: Mrs Nimita

When light falls on an object, it may pass through the object completely or be absorbed by it completely or partially pass through it.

Based on their behaviour, objects are classified as transparent, translucent or opaque objects.

- 1) Transparent object → An object that allows light to pass through it is called as transparent object.
eg: Glass, air or water.
- 2) Translucent object → An object which allows light to pass through it partially is called as translucent object.
eg: Butter paper, wax paper

Teacher: Mrs. Nimita

Chapter - 10

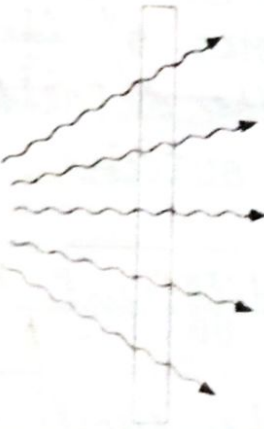
Date: 4.11.24

- 3) Opaque object:- An object which does not allow the light to pass through it is called an opaque object. eg: Wood, brick.

In the end, children let us recapitulate the content that has been done today.

Ques Identify and correctly label the pictures as transparent, translucent and opaque.

1.



2.



3.



Answers:-
1) Transparent object
2) Translucent object
3) Opaque object

Thank you!