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CLASS - 4

SUBJECT - EVS

Based On NCERT

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Chapter - 9

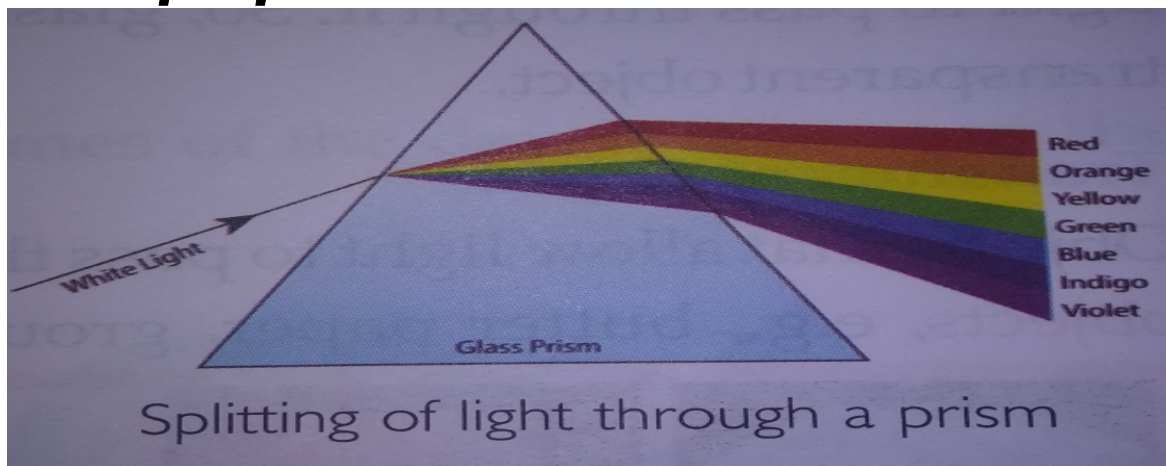
Light

PROPERTIES OF LIGHT

Light has the following properties :

- **Light rays travel in a straight .**
- **light travels very fast at the speed of 3×10^8 m/s (metre per second)**
- **Light travels in all directions from its source .**
- **Light can also traveled through in pati space (vacuum).**
- **Light can be reflected . When light rays fall on any surface , it bounces back . This is called reflection of light . Objects become visible to us when the reflect light rays reach our eyes .**
- **Light can be reflected /bent .**

When light travels through water , air or glass , it bends and changes its direction slightly . This is called reflection of light . That is why , a straw , half dipped in liquid , appears bent at the boundary of water . Another example of refraction is splitting of visible light into seven different colours through a glass prism . this colour are violet , indigo , blue , green , yellow , orange and red . To remember this colour in order people remember the word **VIBGYOR.**



Don't write only read it.

A. Answer the following questions .

1. Write any two properties of light .

Answer = Light rays travel in a straight .

Light travels in all directions from its sources .

2. What does the word VIBGYOR stand for ?

Answer = V = Violet ,

I = Indigo

B = Blue

G = Green

Y = yellow

O = Orange

R = Red

Jyoti