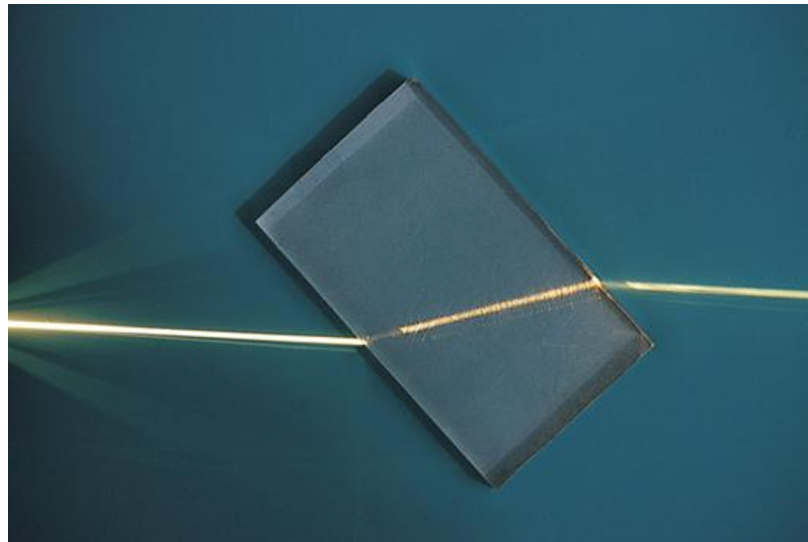


Light



By
Pramod V.
1st year B.Ed.
V.T.C.

- Lemon in water
- Elderflower syrup
- Pencil in water



example	Change in image size(present/absent)	Change in medium of viewing the object(which medium to which medium)	Observation
• Lemon in water seen from air			
• Elderflower syrup seen from air			
• Pencil in water seen from air			

- What is happening to the image of the object when seen from two different medium?

- Refraction of light

- How does the object appear to be bent of shape in the phenomenon refraction of light?

☒ Ray
☐ Wave



Material Air ▲

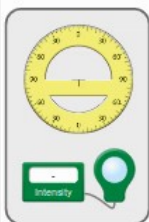
Index of Refraction (n) ◀ 1.00 ▶

Air Water Glass

Material Air ▲

Index of Refraction (n) ◀ 1.00 ▶

Air Water Glass

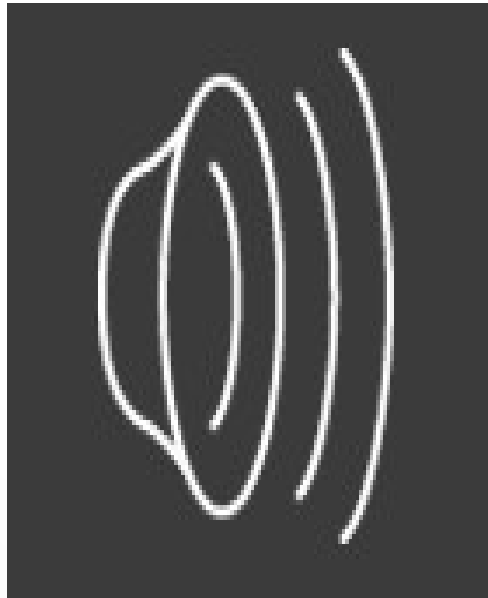


☒ Normal



- What do you observe
- What is changing in the video?
- What is the effect on the path of light?

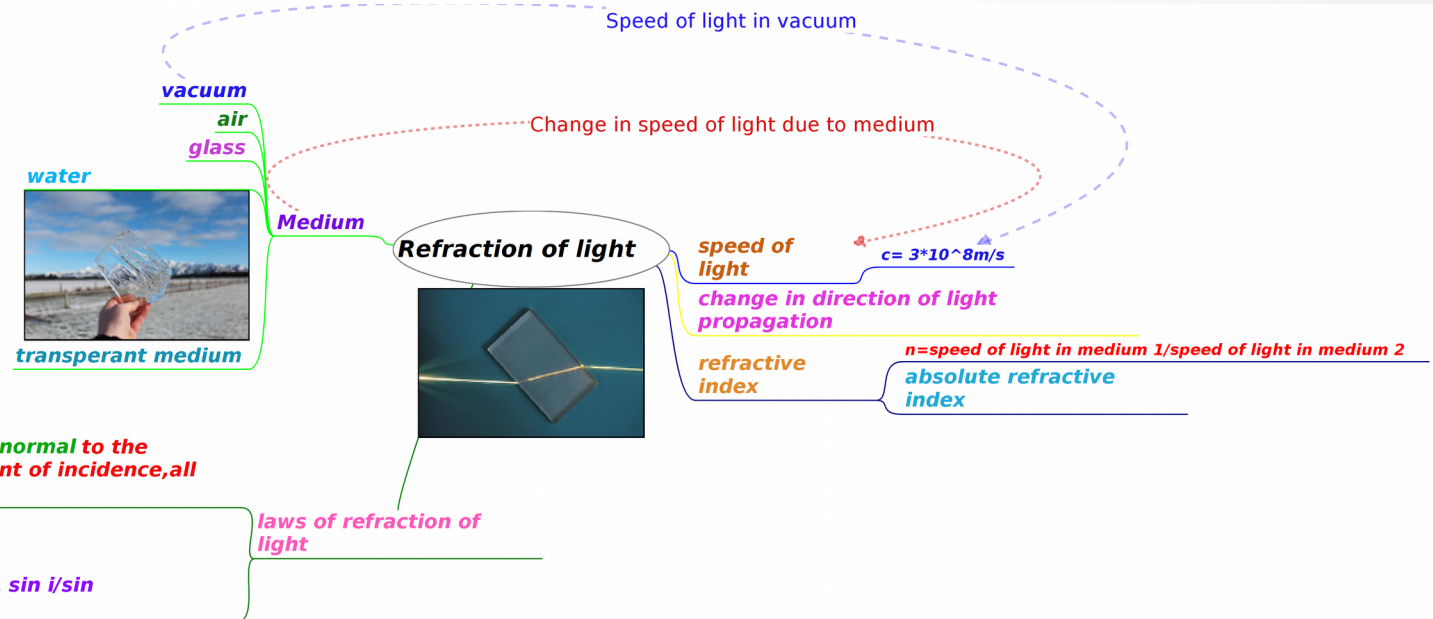
- When travelling obliquely from one medium to another, the direction of propagation of light in the second medium changes. This phenomenon is known as refraction of light.



- What happens when laser light is passed through sugar syrup?



Mind map



Assignment

- List out four examples of refraction of light in different medium?

Thank you