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Changing your Tomorrow

LIGHT REFLECTION AND REFRACTION

CHAPTER NO.10

SUB: PHYSICS

LIGHT REFLECTION AND REFRACTION

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POINTS TO BE COVERED

- Refraction of light.
- Activity based on Refraction
- Refraction through a glass slab.

LEARNING OUTCOMES

- Students will be able to
- Explain the cause of refraction
- Relate direction in which light bends(towards the normal or away from the normal)
- Explain the concept of lateral displacement.

RECAPITULATION OF PREVIOUS TOPIC

- What are the two laws of reflection?
- Where is the image formed if the object is at F?
- What is the nature of the image formed if the object is between C and F ?
- What is the nature of the image formed if the magnification is:

1,2,0.7,-3,-0.5

Refraction of light.
Introduction of refraction

https://youtu.be/v5SuSB_93FM

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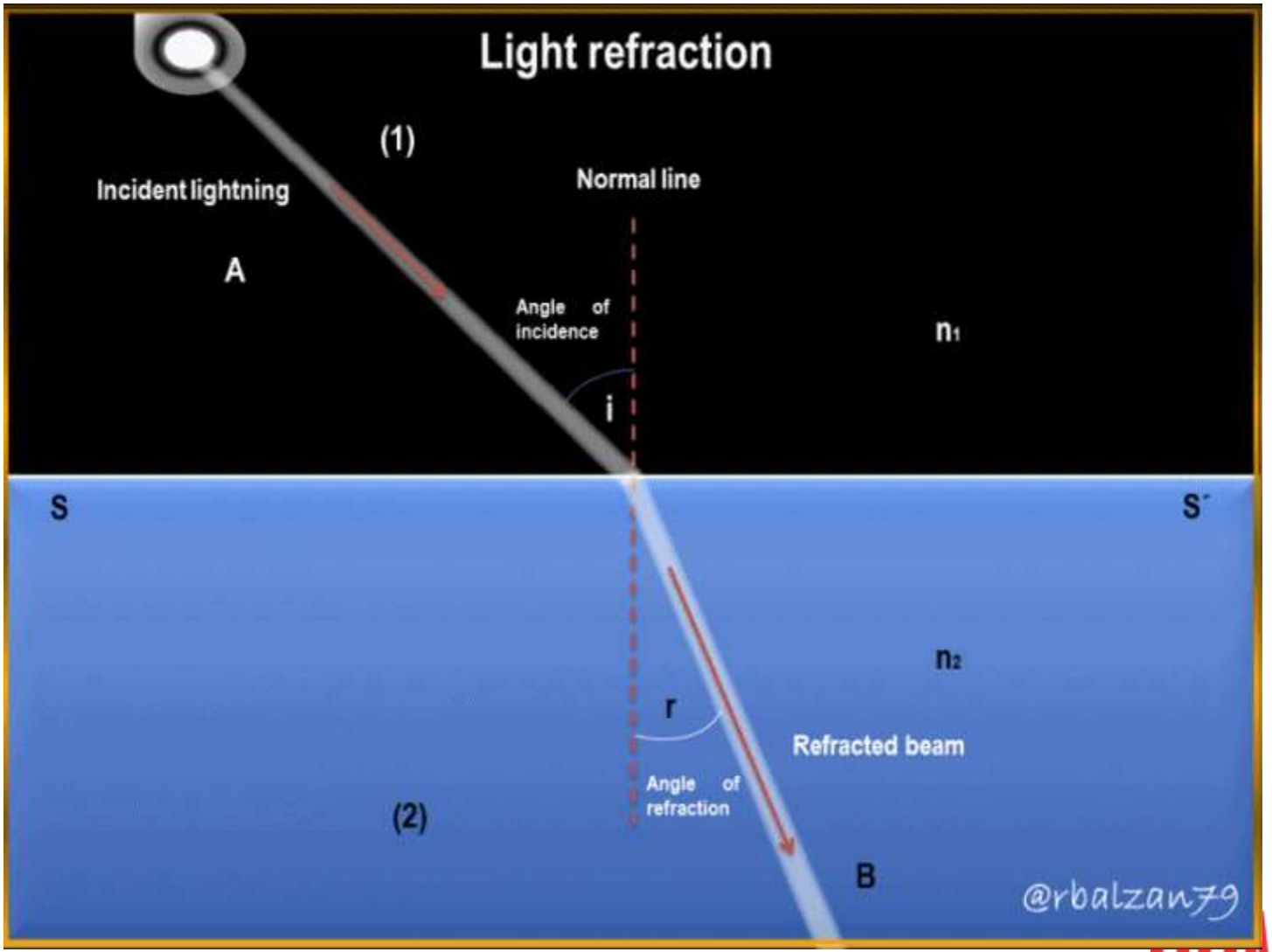
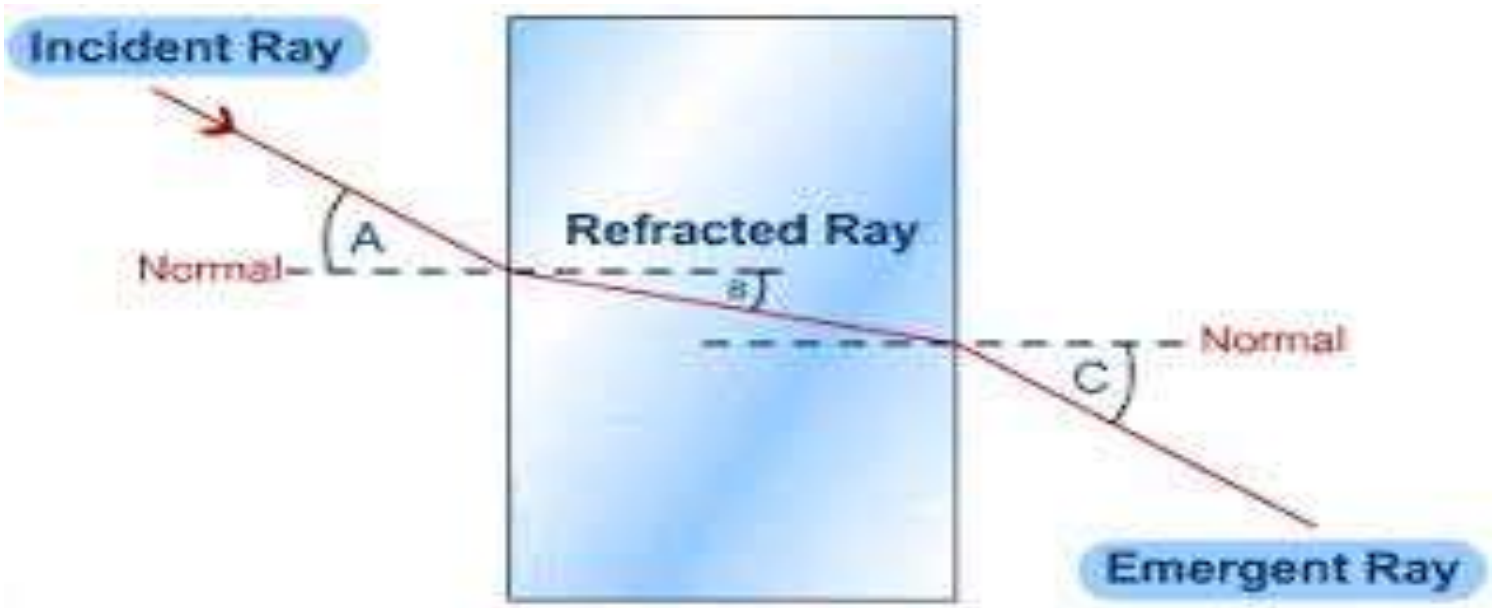
Refraction of light.



Refraction of light.
When light travels from rarer to denser medium

Refraction of light.
When light ray travels from denser to rarer medium



Refraction of light.
Through a glass slab

- https://youtu.be/OdcHCRF00jM
- https://youtu.be/F8UAwyW8yBs

HOME ASSIGNMENT

- Draw a ray diagram showing refraction of light through a glass slab.
- Label the incident ray, reflected ray, angle of incidence, angle of refraction, angle of emergence.

THANKING YOU

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