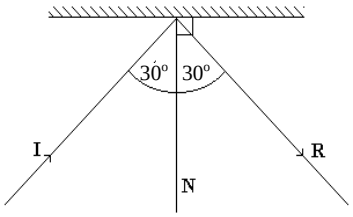
Science
Physics
Light

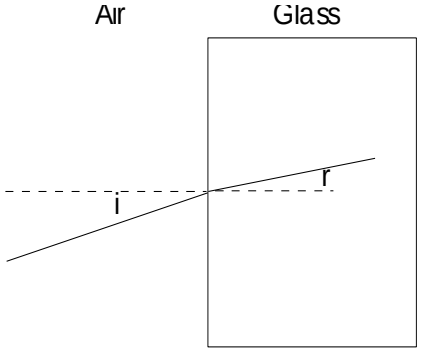
Learning Outcomes 1

Week Begining 11 May 2020

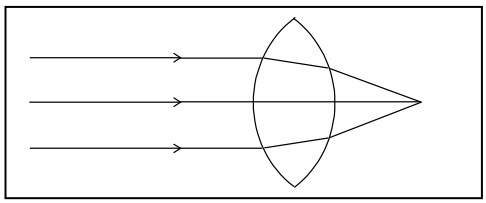
- state that light travels in straight lines.
- state that the **angle of incidence** is equal to the **angle of reflection**
- Be able to complete a diagram to show the path taken by a ray of light striking a mirror
- Be able to correctly identify the **Normal Line, Incident Ray** and **Reflected Ray** in any Line Diagram.



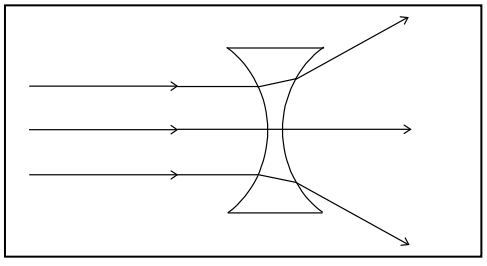
- state that light **refracts** (changes direction) when it passes from one material to another.



- describe an experiment to show the refraction of light.
- State that **Convex** lenses causes light rays to converge (come together).



- State that the point where the rays come together is called the **focus**.
- State that **Concave** lenses cause light rays to diverge (spread out).



- State that the more curved the lens, the greater the change in the direction of the light ray. ***(The fatter the Lens, the more it bends)***
- Give examples of uses of lenses to include **camera, binoculars and magnifying glass**