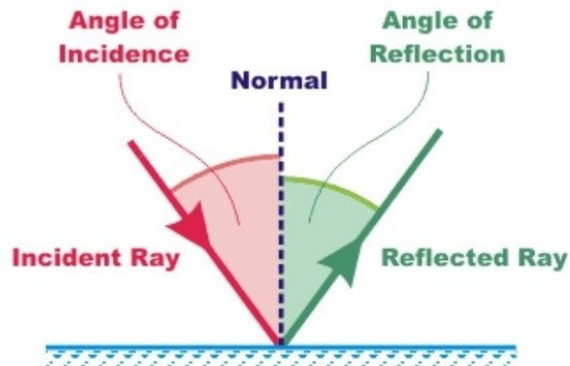
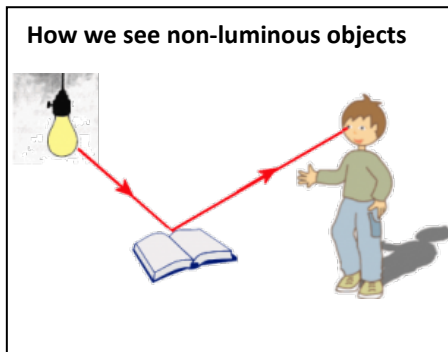


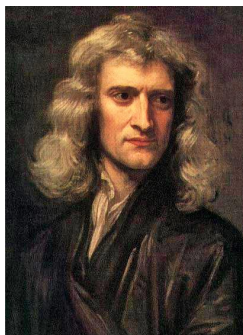
# Light

Year 6 Farnborough Primary School

## Why are rainbows special?



### Notable Scientists:



**Isaac Newton**  
(1643-1727)  
Proved white light was made of 7 visible colours. He invented the reflecting telescope.



**Ibn al-Haytham**  
(965-1040)  
First to explain that vision occurs when light reflects from an object.

Key vocabulary		Start	End
Opaque	A material that allows no light to pass through it		
Transparent	A material that allows all light to pass through it		
Translucent	A material that allows some light to pass through it		
Refraction	Change in the direction of light going from one material into another		
Visible light	An electromagnetic wave we can see. Travels at 300 000 kilometres per second		
Ray	A single beam of a wave of light.		
Incident ray	The incoming ray of light.		
Reflected ray	A ray of light which has bounced off something.		
Law of reflection	The angle between the normal and incident ray will be same as the angle between the normal and reflected ray		

