Light

	Keywords
Luminous	An object that emits (gives out) light.
Non- Iuminous	An object that does not emit light but can reflect it.
The law of reflection	When a ray of light bounces off a surface, the angle of reflection is always equal to the angle of reflection.
Incident ray	The incoming ray.
Reflected ray	The outgoing ray.
Normal	The line from which angles are measured, at right angles to the surface.
Angle of incidence	The angle between the normal and the incident ray.
Angle of reflection	The angle between the normal and the reflected ray.
Refraction	Change in the direction of light when going from one material into another.
Absorption	When energy is transferred from light to a material.
Scattering	When light reflects off an object in all directions.
Transparent	A material that allows all light to pass through it. A clear image can be seen through it.
Translucent	A material that allows light to pass through it, but scatters it. An unclear image can be seen through it.
Opaque	A material that allows no light to pass through it. Nothing can be seen through it.



Because lightis a wave, it can have different wavelengths' We perceive different wavelengths of lightas different colour

Light of different wavelengths can be combined to make other colours. For example, red and green light combined makes yellow light. White light is all the colours combined.

Magenta