

Light – Knowledge Organiser

Absorb: when objects take in light energy and do not reflect it back

Concave: curves inwards

Convex: curves outwards

Darkness: the absence of light

Light source: something that gives off light when it is heated or burned or when chemicals inside it react with each other

Opaque: a solid object that you cannot see light through

Reflect: bounce off

Reflection: an image seen in a mirror or shiny surface

Reflective: something that light bounces off

Shadow: a dark shape that is made when an object blocks light

Translucent: a cloudy object that you can see light through

Transparent: a clear object that you can see light through

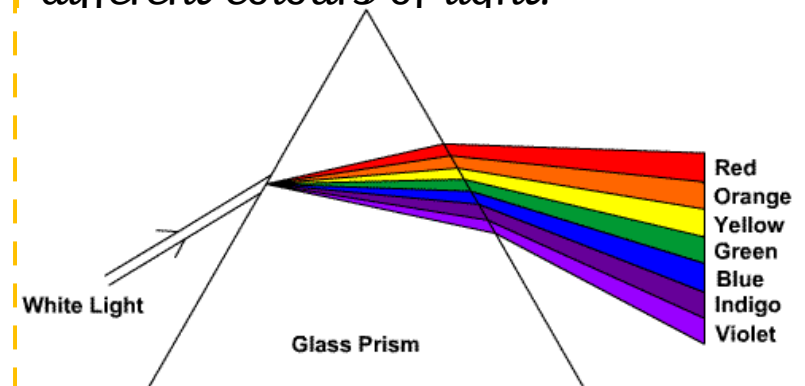
Ultraviolet (UV) light: light given off by the Sun that can damage our eyes and cause sunburn

Shadows form when the sunlight is blocked.



Light: a natural agent that stimulates sight to see objects. It can only travel in straight lines. Light bounces off everything we see. We need light so that we can see the world around us.

Visible light (white light): light that we can see. It is made up of seven different colours of light.



Refraction: when light changes direction

Dispersion: when visible light is split into seven colours

Remember: Never look directly at the Sun, even with sunglasses on.