

Glossary / Vocabulary ---Science

Year Group	Topic	Vocabulary	Definition
Nursery/ Reception	Light	dark	When there is no light
		light	Something that makes us see.
		shadow	A shadow is the dark shape made when something blocks light.
Year3	Light and sight	Light source	A light source is anything that makes light, whether natural and artificial.
		reflect	Bouncing of light from an object or a surface
		opaque	Something that is opaque means you cannot see through and does not allow light to pass through it.
		transparent	light completely passes through it, and you can see clearly through it.
		translucent	If an object is translucent, it means that some light passes through it, but the light is scattered, so you can't see clearly through it.
		shadow	A shadow is created when an opaque material or object is placed in front of a light source and prevents the light from passing through.
Year6	Light and Sight	ray	A ray is a term used in optics and mathematics to show the movement of light from its origin source to a surface or object.
		refraction	Refraction is the change in direction of a wave, caused by the change in the wave's speed.
		reflection	Reflection occurs when a light ray hits a surface and bounces off. The angle at which the ray hits the surface is equal to the angle at which it bounces off.
		mirror	a reflecting surface that forms an image of an object when light rays coming from that object fall upon it
		dispersion	The separation of visible light into its different colors is known as dispersion.