

Subject	Science
Unit/Topic	Food Light and Sound

Key vocabulary	Definition
Luminous	Means that it gives off its own light.
Transparent	Allows almost all light to pass through.
Translucent	Allows some light to pass through.
Opaque	Does not allow light to pass through.
Reflection	The process of light hitting a surface and bouncing off.
Normal	An imaginary line at right angles to a surface at a certain point.
Angle of incidence	The angle between the incoming ray of light and the normal.
Angle of reflection	The angle between the reflected ray of light and the normal.
Refraction	The process of light changing direction at a boundary between two transparent surfaces.
Angle of refraction	The angle between the refracted ray of light and the normal.
Dispersion	The process of white light being separated into colours by refraction.
Visible spectrum	The range of colours that make up white light.
Primary colours of light	Red, blue and green – the colours that can be used to make all other colours of light.
Cyan	The colour produced by combining green and blue light.
Magenta	The colour produced by combining red and blue light.
Vibration	A rapid backwards and forwards motion.

Echo	A reflected sound wave.
Loudness	The size of the vibration hitting a person's ear.
Decibel	The unit of loudness (shortened to dB).
Frequency	How many times a vibration happens per second.
Hertz	The unit of frequency (shortened to Hz).
Pitch	How high or low a sound is.

