

Visible Light

One way to look at light is to describe it as a wave.

Light waves do not need a medium to travel through, they can move through empty space.

Visible light is part of the electromagnetic spectrum.

Different colours of light have different wavelengths:

Red: 700 nanometers

Orange: 600 nm

Yellow: 580 nm

Green: 500 nm

Violet: 400 nm

White light is made up of all the colours.

When white light goes through a prism the different wavelengths bend by different amounts so when the light leaves the prism the white light is broken into the whole spectrum.