

Progression toolkit: More than light

Learning focus	Electromagnetic radiation is made of vibrating electric and magnetic fields that can travel through a vacuum. Light and other types of EM radiation are organised in order of frequency across the EM spectrum.				
As students' conceptual understanding progresses they can:	CONCEPTUALPROGRESSION				
	Describe the relationships between speed, frequency and wavelength for light waves.	Describe the nature of light as a form of electromagnetic radiation.	Compare infrared radiation and light.	Compare ultraviolet radiation and light.	Explain why there is a spectrum of electromagnetic radiation.
Diagnostic questions	Red light	- What's light?	Under red	- Beyond violet	Beyond 'beyond'
	Different colours		Detecting infrared		
Response activities			Emitting infrared	Ultraviolet lamp	

Key:

P Prior understanding from earlier stages of learning

B Bridge to later stages of learning



