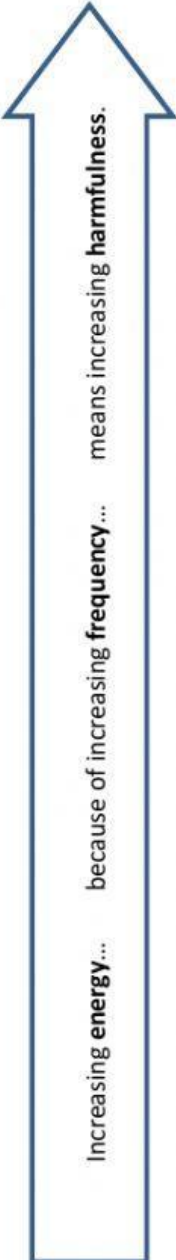


Linked Learning: The Electromagnetic Spectrum

(Red Monkeys In Vans Use X-Ray Glasses)

First, recall your knowledge of the electromagnetic (EM) spectrum to put as much information as you can into the table below. Next, consult any information sources that you have (such as your exercise book, revision guide or the Internet) to extend or fill-in any areas that you could not recall. Make sure that your facts are specific as there is a VERY high probability that some of the information in this table WILL be questioned in your GCSE exam!

Example uses (and why this type of EM waves is used)	Wavelength (order of magnitude)	Electromagnetic Spectrum section name	Frequency	Harmful effects (and how to minimise them)
	less than 0.1 nm	Gamma waves		
	about 1 nm			
	10 - 100 nm			
	350 – 650 nm	Visible light		
	about 0.01 mm			
	mm to cm			
	m to km	Radio waves		