

3 | Vocabulary

○ = Vocab. Test

electromagnetic wave radiation	ultraviolet light	transmission
electromagnetic spectrum	x-rays	absorption
radio waves	gamma rays	scattering
microwaves	incandescence	polarization
visible light	luminescence	prism
infrared light	bioluminescence	primary colors
	fluorescence	primary pigments

A. WHO AM I?

On the line, write the vocabulary word that matches the clue.

- I'm the part of the EM spectrum that human eyes can see.
_____ visible light _____
- I'm the three colors of light that can be mixed to produce all possible colors.
_____ primary colors _____
- I have the highest frequencies and energies of any EM waves.
_____ gamma rays _____
- I have the longest wavelengths, the lowest frequencies, and the lowest energies.
_____ radio waves _____
- I'm the passage of an EM wave through a medium.
_____ transmission _____
- I'm a disturbance that transfers energy through a field.
_____ electromagnetic wave _____
- I'm the type of EM wave most often associated with heat.
_____ infrared light _____
- I'm the spreading out of light rays in all directions as a result of reflection and absorption by particles.
_____ scattering _____
- I pass easily through the soft tissues of the body but am usually filtered out by bone.
_____ x-rays _____
- I'm colored materials that can be mixed to produce the entire color spectrum.
_____ primary pigments _____
- I'm the transfer of energy in the form of EM waves.
_____ radiation _____