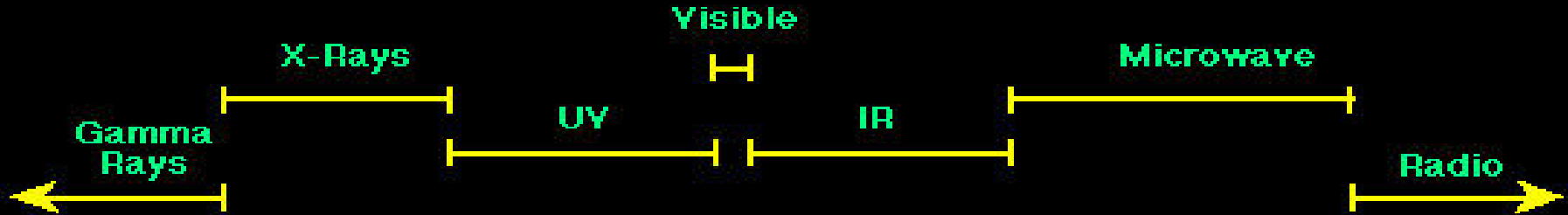


1.1 EM Spectrum Card Sort

Review major parts of EM Spectrum



Guiding Question

What are the different parts of the electromagnetic spectrum?

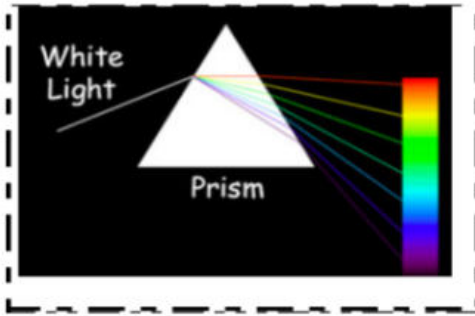
Blackline Master #2

Electromagnetic Spectrum Graphic Organizer

Radio	Microwave
Infrared	Visible
Ultraviolet	X-ray
Gamma	

Sort cards

Use the cards to match the picture to the name and description of the wave.



Visible Light Waves:

This is part of the EM spectrum that humans can see (ROY-G-BIV – Red, Orange, Yellow – Green – Blue, Indigo, Violet)., and visible light falls in the middle of the spectrum.

Examples of visible light waves include rainbows.

X-ray Waves :

This is part of the EM spectrum that is invisible to humans and is known to affect cell division.

Examples of x-rays include medical diagnosis, radiation therapy, measuring construction integrity, laser refinement, archeology, and TSA monitoring.



Write 1 fact and 2 examples for each box

Blackline Master #2

Electromagnetic Spectrum Graphic Organizer

Radio	Microwave
Infrared	Visible
Ultraviolet	X-ray
Gamma	

Radio Waves :

This is part of the EM spectrum that emits the longest wavelengths and lowest frequency of radiation waves.

Examples of radio waves include long distance communication, television transmission, satellites, walkie talkies, and listening to the radio.