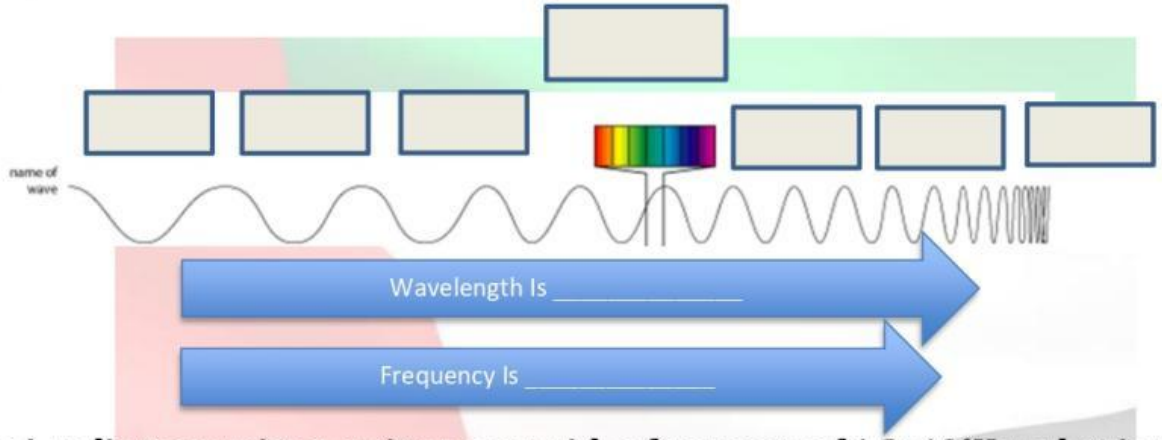
Student's name:	Class/Section:
Subject: Physics	NGSS: HS.PS4
Lesson Title: E-M Spectrum	Date:
Objective: Calculate Electromagnetic waves frequencies.	

Q1: Label all the parts in the following electromagnetic spectrum, Use the words in the table:

Gamma – Infrared – Radiowaves – Ultraviolet – Microwaves – X-ray – Visible Light



Q2: A radio transmitter emits waves with a frequency of 1.2×10^6Hz. what is the corresponding wavelength for these waves?

Q3: A beam of ultraviolet light has a wavelength of 250 nanometers. What is the frequency of this light in hertz.

Comment	Strength	Improvement	Response
		Next time,	

Value: *Charity in schools fosters empathy and social responsibility among students, promoting a sense of community and altruism. Inside classrooms, incorporating charity initiatives cultivates a culture of giving, teaching students the importance of compassion and making a positive impact on the world around them.*

LIVEWORKSHEETS