

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Hour: \_\_\_\_\_

**Electromagnetic Spectrum Brochure**

**Objective:** To create an informative brochure or booklet that describes all aspects of the electromagnetic spectrum. Use textbooks or the internet to assist you with your research.

Your brochure/booklet must include the following:

- Title Page with Name, Date, Hour, and Electromagnetic Spectrum Title
- For each wave segment: Radio, Microwave, Infrared, Visible Light, Ultraviolet, X-Ray, Gamma Ray you need to include:
  - the respective wavelength, frequency, energy, and key facts
  - an example of how we use each wave type
  - a colored drawing showing how we use it
  - where is this type of radiation located on the spectrum in relation to other types?

**\*What is the general pattern that you notice when observing the electromagnetic spectrum?**

**Rubric:**

Content	Radio	Microwave	Infrared	Visible Light	Ultraviolet	X-Ray	Gamma Ray
Wavelength							
Frequency							
Energy							
Facts							
Use							
Illustration							
Location							

Title Page: \_\_\_\_\_/4

EM pattern: \_\_\_\_\_/2

Total: \_\_\_\_\_/55