

# Study Guide - Electromagnetic Waves and Spectrum Assessment

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

Study Guide Due Date: \_\_\_\_\_

Assessment Date: \_\_\_\_\_

## Student will be able to...

1. Define the following terms:

a. Electromagnetic Wave

---

---

b. Electromagnetic Spectrum

---

c. Vacuum

---

2. List the types of EM Waves in the Spectrum.

---

---

3. Compare the EM Waves based on frequency, wavelength, and energy level.

---

---

---

---

4. Explain the relationship between frequency and energy level for EM Waves.

---

5. Identify uses for the 7 types of EM Waves.

---

---

---

---