**My Electromagnetic Journal Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions:** record at least six encounters you have with electromagnetic radiation over the next five days. These could be related to things that you do, discussions you have with friends or family, articles you read, videos you watch, etc.

**Criteria** – you must include at least three different types of radiation in your six encounters (they can’t all be about visible light)

* Any articles you read or shows that you watch must be referenced (title of article or show, website/magazine/network)
* Explanations must include enough context for a reader to understand what happened. This will probably require a couple of sentences. A word or two will not usually be enough.
* You need to identify the part of the electromagnetic spectrum involved as well as the wavelength or frequency if available (for example a radio station has a specific frequency, a remote-control car has a specific frequency, the frequency for a microwave may be stated in the owner’s manual)

Due date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Format** – you can use the table below or create your own journal which includes the same information.

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| --- | --- | --- |
| Date | What happened? Describe your encounter with electromagnetic radiation | What type of radiation was involved? |
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| **Emerging** | **Developing** | **Proficient** | **Extending** |
| Explanations are faulty or inadequate, problems with identifying radiation types, many examples are of the same type of radiation. | Explanations are rudimentary, some radiation types are correctly identified, range of examples is limited | Examples are explained, radiation is correctly identified, basic understanding is demonstrated, several types of radiation are discussed | All examples are well explained, radiation is correctly identified, references are shown, strong understanding is demonstrated, broad range of radiation types are discussed |