**ELECTROMAGNETIC SPECTRUM CHART RUBRIC**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Element** | **[3 or Max] Points** | **2 Points** | **1 Point** | **0 Points** | **Points Awarded** |
| **Definition of electromagnetic waves** | The definition of electromagnetic waves is accurate and complete. | The definition of electromagnetic waves is accurate but incomplete. | The definition of electromagnetic waves is inaccurate. | A definition of electromagnetic waves is not included. |  |
| **Number line marked with wavelengths and frequency** | A number line with both wavelengths and frequency is included. | A number line with marks is included, but the marks do not follow the correct pattern. | A number line is included that includes either the wavelength or frequency but not both. | A number line is not included. |  |
| **Illustrations of the different uses for electromagnetic waves for each part of the spectrum** | Each part of the spectrum has an appropriate illustration. | Each part of the spectrum has an illustration, but illustrations are not all correct. | Some parts of the spectrum are missing illustrations. | Illustrations are not included. |  |
| **List of electromagnetic band names** | Each part of the spectrum has the correct name of the wave in the correct order (radio, microwave, infrared, ultraviolet, x-ray, gamma). | The wave names are included but are in the wrong order. | Some of the wave names are missing. | The wave names are not included. |  |
| **Visible light spectrum** | Each part of the visible light spectrum is included, and the parts are in the correct order. | Each part of the visible light spectrum is included but not in the correct order. | Parts of the visible light spectrum are missing. | The visible light spectrum is not included. |  |

**Total Points \_\_\_\_\_\_\_\_\_\_\_**