

Topic: Electromagnetic Radiation (EMR) “Working Document”

Interact with the vocabulary: **DO NOT USE GOOGLE!** You can highlight the vocab throughout your notes & add in any word you don't have, make a glossary list, make flash cards...

Vocabulary Words

- 1) Electromagnetic radiation
- 2) Visible Spectrum
- 3) Wavelength & units that measure it
- 4) Frequency & units that measure it
- 5) Constant for speed of light & units that measure it
- 6) Emission Spectrum
- 7) Spectral Analysis
- 8) Spectrograph or Grating Spectroscope
- 9) How astronomers use spectral analysis

Direct Instruction & Materials To Do List:

- Take **notes** from Mrs. Achey's [Slideshow](#) on EMR
- [Optional Reading](#) on spectral analysis; [Reading](#) on EMR waves in general; and [Reading](#) on light & optics; [Reading](#) on calculating wavelength, etc
- Do **vocab** from above
- [Worksheet](#) on EMR & Answers
- In class EMR Emission Spectrum Activity
- **Show** me your notes, vocab, & worksheet
- **Quiz**