http://www.pbs.org/wgbh/nova/physics/electromagnetic-spectrum.html

**Radio Waves**

1. How do radio waves compare to other types of electromagnetic waves?
2. What is this range?
3. How are man-made radio waves generated?
4. At what speed do they travel?

**Microwaves**

1. What is happening to the wavelength?
2. What is this range?
3. What are three uses mentioned?
4. What invention was developed that allowed for the invention of the microwave?

**Infrared Waves**

1. What is this part of the spectrum also called?
2. What objects emit infrared radiation?
3. The warmer an object is ….
4. An object that absorbs more infrared radiation than it emits becomes \_\_\_\_\_.

**Light Waves**

1. How much “space” does visible light take up on the electromagnetic spectrum?
2. The wavelength is shorts than the width of a \_\_\_\_\_.

**Ultraviolet Waves**

1. What is one example of a source from our solar system?
2. Can we see ultraviolet light?
3. How can ultraviolet radiation be helpful?

**X-Rays**

1. When were X-rays discovered?
2. How did they get their name?
3. Where are they located on the electromagnetic spectrum?
4. Name two uses.

**Gamma Rays**

1. How are gamma rays created through the universe?
2. How are they created on Earth?