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<th>Waves</th>
<th>Spectra</th>
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<th>Black-Bodies</th>
<th>Visible/Radio</th>
<th>Hodge Podge</th>
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Transfer of energy through empty space
The lowest point on a wavelength is called the _____. 
The distance measured crest to crest is the _____. 
The units for frequency are ____
Maximum departure from an undisturbed state
The shortest wavelengths on the Electromagnetic Spectrum are ____
The longest wavelengths on the Electromagnetic Spectrum are ______.
Changing electric fields create _____ fields perpendicular to it.
All electromagnetic waves travel at this speed.
A wavelength with a length of 500 nm is equivalent to ___ Å
These waves range in length from .001 to thousands of meters.
What 2 wavelengths in the spectrum are transparent through the atmosphere?
What type of radiation would give you a sunburn?
How would you determine the wavelength if you know the frequency?
Our eyes are most sensitive to this wavelength.
The amount and strength of radiation at any given point in space.
The most important property in determining the type of radiation emitted is _____. 
The greater the molecular movement, the higher the temperature.
As an object’s temperature increases, the frequency will __________.
By measuring the peak wavelength one can calculate an object’s______.
This spectrum can be seen over all frequencies of visible light.
Man-made radio

Waves do not overlap

Because they run on

_________   ______________.
AM radio waves use ___ modulation to send data.
This type of spectrum is also called bright line. (associated with low density hot gases)
Low density gases ___ certain wavelengths leaving dark lines.
An instrument used to analyze visible light.
This law states that peak emission is a function of temperature.
Stefan-Boltzmann Law states that the total energy radiated is proportional to _____.
In radio astronomy, ___ are used as receivers to capture radio waves.
Radio waves from space are often called the 21 cm waves. What would the frequency be?