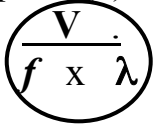


## Ch 11.2 Characteristics of Waves


Word	What is it? Examples	How did I learn this? How will I remember this?
Crest	<b>Definition:</b> The highest point on a wave.	How did I learn this?  How will I remember this?
Trough	<b>Definition:</b> The lowest point on a wave.	How did I learn this?  How will I remember this?
Amplitude	<b>Definition:</b> The greatest distance the particles in a medium move from their normal position when a wave passes Ex: loudness, brightness	How did I learn this?  How will I remember this?
Wavelength	<b>Definition:</b> The distance between any two successive identical parts of a wave Unit is $\lambda$ , and Measure in cm, mm, nm	How did I learn this?  How will I remember this?
Period	<b>Definition:</b> The time required for one full wavelength to pass a certain point, expressed in sec.	How did I learn this?  How will I remember this?
Frequency	<b>Definition:</b> The # of waves (vibrations) in 1 sec Measured in Hertz (Hz). Frequency = 1/period Light frequency ( $f$ ) = Energy	How did I learn this?  How will I remember this?
Wave speed	<b>Definition:</b> The speed at which a wave passes through a medium Speed ( $v$ ) = Distance / time  <div style="text-align: center;">  </div>	How did I learn this?  How will I remember this?