

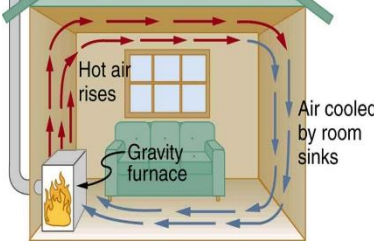


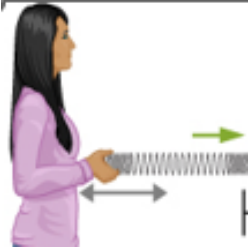
<p><b>conduction</b></p> <p>con / duc / tion</p>	<p><b>Transfer of thermal energy by:</b></p>  <p>Vibration of particles</p> <p>e.g Poker handle too hot to handle</p>
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<p><b>convection</b></p> <p>con / vec / tion</p>	<p><b>Transfer of thermal energy when:</b></p> <p>Particles in a heated fluid rise</p>  <p>e.g. Turning on a fan, warmest air up near ceiling</p>
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<p><b>convection current</b></p> <p>con / vec / tion cur / rent</p>	<p><b>Movement of heated fluids where</b></p>  <p>Hot fluid moves upwards and cold fluid moves downwards.</p>
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<p><b>electromagnetic spectrum</b></p> <p>e / lec / tro / mag / net / ic spec / trum</p>	<p><b>Range of wavelengths of radiation:</b></p> <p>Produced by Sun and other sources.</p>
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<p style="text-align: center;"><b>lever</b></p> <p style="text-align: center;">le / ver</p>	<p><b>Type of machine which is:</b></p> <p>A rigid bar that pivots about a point</p>
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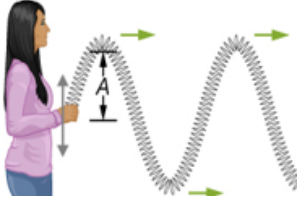
<p style="text-align: center;"><b>longitudinal wave</b></p> <p style="text-align: center;">lon / gi / tu / di / nal      wave</p>	<p><b>A wave in which:</b></p> <p>Direction of vibration is the same as that of wave.</p> 
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<p style="text-align: center;"><b>radiation</b></p> <p style="text-align: center;">ra / di / a / tion</p>	<p><b>Transfer of energy:</b></p> <p>As a wave.</p>
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<p style="text-align: center;"><b>rarefaction</b></p> <p style="text-align: center;">rar / e / fac / tion</p>	<p><b>Part of longitudinal wave where:</b></p> <p>Air particles are spread out.</p>
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<p style="text-align: center;"><b>superpose</b></p> <p style="text-align: center;">su / per / pose</p>	<p><b>When waves join together so:</b></p> <p>They add up or cancel out.</p>
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<p style="text-align: center;"><b>thermal insulator</b></p> <p>ther /mal      in / sul / a / tor</p>	<p><b>Material that :</b></p> <p>Only allows heat to travel slowly through it.</p>
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<p style="text-align: center;"><b>transverse wave</b></p> <p>trans / verse      wave</p>	<p><b>A wave in which:</b></p> <p>Direction of vibration is perpendicular to that of the wave.</p> 
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<p style="text-align: center;"><b>ultrasound</b></p> <p>ul / tra / sound</p>	<p><b>Sound waves with:</b></p> <p>Frequencies higher than human auditory range.</p>
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<b>wave</b>	<b>Vibrations that transport energy</b>  From place to place, without transporting matter.
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<b>work</b>	<b>Transfer of energy when:</b>  A force moves an object through a distance in joules.
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