

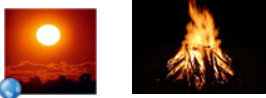

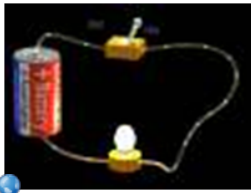


<p>Solar energy</p> 	<h2 style="text-align: center;">Forms of Kinetic Energy</h2> <ul style="list-style-type: none"> <li>• Most of the energy that we use on Earth originally came from the Sun</li> <li>• Green plants use solar energy during photosynthesis</li> </ul>
<p>Radiant energy</p> 	<ul style="list-style-type: none"> <li>• transferred through electromagnetic waves such as visible light, ultraviolet light or Xray</li> <li>• Sources of radiant energy include, but are not limited to, stars, light bulbs, and microwaves.</li> </ul>


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<h2 style="text-align: center;">Thermal Energy</h2> 	<ul style="list-style-type: none"> <li>• The faster particles move, the higher the temperature</li> <li>• also called heat energy</li> <li>• travels from an area of high temperature to lower temperature</li> </ul>
<h2 style="text-align: center;">Sound energy</h2> 	<ul style="list-style-type: none"> <li>- Sound waves traveling through the air</li> <li>-Example</li> <li>- clapping</li> </ul>

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<p>Electrical energy</p> 	<ul style="list-style-type: none"> <li>• ·Energy flowing from a circuit</li> <li>• ·Can be transferred easily into other forms of energy like heat or light energy</li> <li>• · Comes from.. <ul style="list-style-type: none"> <li>-Batteries</li> <li>-Generators</li> </ul> </li> <li>• ·Examples <ul style="list-style-type: none"> <li>- flashlight, television, phone</li> </ul> </li> </ul>

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<p>Mechanical energy</p> 	<ul style="list-style-type: none"> <li>• the energy due to the motion (kinetic) and position (potential) of an object.</li> <li>• When objects are set in motion or are in a position where they can be set in motion, they have mechanical energy</li> <li>• Mechanical potential energy is related to the position of an object</li> <li>• Mechanical kinetic energy increases as an object moves faster</li> </ul>

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