

Forms of Energy

<u><i>Form</i></u>	<u><i>Energy comes from ...</i></u>
Mechanical	(changes in motion and/or position)
Chemical	(changes in chemical structure, composition...)
Radiant	(an accelerating charge)
Thermal	(changes in Temperature)
Electrical	(changes in current or electron flow)
Nuclear	(changes in atomic structure)

Types of Resistance

Inertia	(<i>changing an objects motion</i>)
Fundamental Forces	(<i>interactions between matter</i>)
<i>Gravity</i>	
<i>Electromagnetism</i>	
<i>Weak Nuclear</i>	
<i>Strong Nuclear</i>	
Friction	(<i>overcoming contact</i>)
Shape	(<i>deforming an object</i>)

**** *Combination of the Above***

Types of Energy Changes

Change in Kinetic Energy

Change in Potential Energy

Change in Temperature

*Change in Structure (**Shape**)*

**** *Combination of the Above***