Type of energy	Description	Example	Conservation of energy means that energy can/can't	
Electrical			be created or destroyed. You <u>can /can't</u> only change energy from one type to another.	
	From the sun and light bulbs		What are the energy transfers?  TV Electrical energy → sound energy+ light energy  Wind up toy → ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ← ←	
		Speakers		
Nuclear				
	From hot objects		True or false?  • Sound energy can be transferred from one place to another  • Sound energy doesn't need particles to travel  • Sound energy is transferred by convection  • Sound waves are caused by vibrations  Energy & Efficiency	
Gravitational potential				
	In stretched springs	Bungee jump		
Chemical				
	Things that are moving			
	is transferred from one place to n there is a difference in	Energy input, j	Useful energy, j What does this diagram show?	
temperature. Match the types of heat transfer with descriptions			What is it called?	
Conduction	<ul> <li>When particles in solids pass of energy to the particles next to</li> </ul>			
Convection	<ul> <li>Heat is given out as infra red radiation. Objects can emit and</li> </ul>	Does effic	Does efficiency have a unit?  In a light bulb, for 25 joules of energy that are supplied to the bulb, 5 joules area usefully transferred into light energy. What is the efficiency of the bulb?	
D. Par	absorb this.	In a light b		
Radiation	<ul> <li>When particles in liquids and gamove from a hot place to a cocone.</li> </ul>	ases of the bulb		

