

Match IT

Draw lines to match up the key words with the definitions.

System	Heat
Kinetic energy	Unit for power
Thermal energy	Unwanted energy transfer; energy is 'wasted'
Specific heat capacity	Object or group of objects
Watt	Rate at which energy is transferred
Dissipation	Found in a moving object
Renewable	Fossil fuels – supplies will run out
Non-renewable	Energy needed to raise the temperature of 1Kg of a substance by 1°C
Power	Supplies will be replenished

Label IT

Label the diagram to show the energy transfers occurring in the light bulb.



Match IT and Label IT

Match the key word to the definition.










Use the key words to label the energy transfers in the diagram.



Chemical
Thermal
Sound
Kinetic

In vibrating objects
In moving objects
In any heated object
In food fuel and electric batteries

Dominoes

Rate at which energy is transferred	Kinetic energy 
Found in a moving object	Renewable 
Supplies will be replenished	System 
Object or group of objects	Specific heat capacity 
Energy needed to raise the temperature of 1Kg of a substance by 1oC	Thermal energy 
Heat	Dissipation 
Unwanted energy transfer; energy is 'wasted'	Replenish 
Restored; build up again; restocked	Non-renewable 
Fossil fuels - supplies will run out	Watt 
Unit for power	Power 