HEAT

	THE NATURE OF HEAT	THE TRANSFER OF HEAT	EFFECTS OF HEAT AN
L	For temperature		
(6	Heat: the form of energy which can make the	3 Methods of Heat Transfer:	 A solid or liquid that is heated will The word used for increasing in sign
	Unit of heat energy: <u>Joules</u>	Conduction:	while getting smaller is called
	Temperature: a measure of how hot is an object	Occurs mostly in solid/liquid/gas (circle right one)	3. Draw a diagram to show how a th
•	Thermometer: measuring temperature in degrees (elius) (°C)	2. Heat passes from particle to particle by when the working to work the work of the work	
	Source of Heat:	3. Metals are good Conduity 9	
1	Electrical (toaster)	4. Plastic and foam are examples of	
	Mechanical		Thermometers: work because a liqu
3	Chemical Solar	 Convection: 1. Occurs in solid/liquid/gas (circle right one) 2. Hot sections of the fluid are less	water because
3	Nuclear:	cooler sections.	Changes of State:
	Uses of Heat: Wking heating houses	3. This causes hot sections of fluid to and cold	Liquid to gas is called: Warvaho
	Problems of Heat: Butning of damag	sections of the fluid tofall	Liquid to solid is called: lold throat
	The Kinetic Theory and Heat:	/	Gas to liquid is called: Liquidific
	1. All matter is: made up of ahmy that	Radiation:	Solid to liquid is called: Menting
	are in constant	Unlike convection and conduction, radiation does not	Solid to gas is called:
	2. Particles in a solid vibrate about	need	
	positions	2. Example of radiation heat transfer: Jun rays to kar	Thy
	Particles in a liquid toll over one and	7.4.3. Good absorbers and radiators are dark in colour. 🔑	fail.
	3. Particles in a gas more freely		
1.8		Contract and the	

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1 Applied on liquid the trie beated will properly in sing
1. A solid or liquid that is heated will
2. The word used for increasing in size is
while getting smaller is called
3. Draw a diagram to show how a thermostat works.
Thermometers: work because a liquid (alcohol)
expands when heated. An alcohol is used instead of
water because it expands more than
14 tel.
Changes of State:
Liquid to gas is called: Warvahon
Liquid to solid is called: What the Time
Gas to liquid is called: Liquidification (and all and
Solid to liquid is called: Menting
Solid to gas is called: Jublimation.
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all.