7I Energy- Revision Worksheet	Match up the energy	stores to their examples:	Describe what a renewable energy resource is.		
Explain why humans need <b>energy</b> from the <b>food</b> we eat.	Chemical	Hot objects			
	Kinetic	Objects in high positions	Describe how the energy resources	following can be use	d as renewable
	Thermal	Food, fuel, batteries	Sun-		
State the units for measuring	Elastic potential / strain	Moving objects			
energy.	Gravitational potential	Stretched, squashed, twisted objects	Wind-		
Explain why a five year old child, an adult and an active adult have different energy needs.	Atomic / nuclear	Stored inside atoms			
	Complete the following transfers in TV.	ng diagram showing <b>energy</b>	Water-		
	energy transferred	energy transferred byand			
State the five ways in which		and	Complete the table below:		
energy can be transferred.	Define the word <b>fuel</b> .		Energy	Advantages	Disadvantages
1.			Resource		
2.			Fossil Fuels		
3.	Describe what <b>fossil</b> examples.	fuels are and give three			
4.			Nuclear		
5.					
Describe what the law of			Renewable Resources		
conservation of energy is.	Explain why fossil fuels are classed as non-renewable fuels.		Explain how the Sun is the original source of energy for most of our energy resources and which resources do not depend on the Sun.		

Label the arrows below to show who in and given off during photosynthe	esis. change is	Describe what climate change is and how we are contributing to it.		Rate the following on how well you think you can do them:			
			Ιc	an			
			Recall that our bodies need energy, which we get from food.				
	<b>—————</b>			Explain why different people need different amounts of energy from food.			
Define the word <b>efficiency</b> .				Recall the units for measuring energy are joules (J) or kilojoules (kJ). 1kJ=1000J			
				Make a fair comparison of results.			
				Calculate ratios.			
Complete the diagram showing the useful and wasted energy stores/transfers in a light bulb			<ul> <li>Describe the different ways in which energy is transferred.</li> </ul>				
		Jseful energy		Describe the different ways in which energy is stored.			
Energy transferred to	tı .	transferred		Recall the law of conservation of energy.			
the bulb by electricity		Wasted energy		Describe what fossil fuels are and how they were made.			
	transferred			Explain why fossil fuels are described as non-renewable.			
, , , , , , , , , , , , , , , , , , , ,		receive 20J of		Name some renewable fuels.			
can use less fossil fuels.	energy every second. transfers 18J of ene	rgy by <mark>light</mark>		Summarise the key points in a piece of text.			
•	every second, and buld 4J by light every sec			Give some examples of renewable energy resources.			
•	which bulb is the most efficient.			Explain how the sun is the original source of energy for most of our energy resources.			
•				Recall which energy resources do not depend on the sun.			
				Describe advantages and disadvantages of different energy resources.			
Compare the energy received from eating an apple with that from eating a piece of bread.				Describe some ways of using less fossil fuels.			
				Explain what efficiency means.			