	Keyword: Fuel		Keyword: Combustion		Keyword: Fossil Fuel		Burning is	
List as many ways you can	Definition:		Definition:		Definition:		an example of an OXIDATION REACTION in which compounds react with oxygen. Some oxidation reactions are useful, but some are	
think of that you have used fuel in the past few days.		Keyword: Renewable Energy  Definition:		Keyword: Oxidation  Definition:		Hy	not. Next to each oxidation reaction described below, circle the phrase "useful" or "not useful"  Hydrocarbons in coal react with oxygen to release energy in power stations.  Useful / Not Useful	
					************			
		••••••				Iron in a chain reacts with oxy		
						to form a layer of rust (iron o)	with oxygen and heat is released.	
		•••••	Explai	in how oxidation		Useful / Not Use	ful Useful / Not Useful	
			reactions	in how oxidation can be useful to us.			Compounds in sparklers and fireworks react with oxygen and release light energy.	
Methane is an example of	of a fuel. The diagram be	low shows how its	******************		****	Useful / Not Useful	Useful / Not Useful	
atoms become rearrange	d when it is burned in ox	ygen.				Ethanol combustion releases ener	copper in a statue reacts to form a dull layer of copper oxide.	
						Useful / Not Usefu		
HCH +  Use the diagram to help reaction:	you write a word equation	H			Coal is an extending ram	•	ind from windmill is renewable. Write the phrase in the renewable or non-renewable energy, or both.  Non-renewable  either/both	
		Choose from the	e following to complete the	e spaces below. Some are need	ded more than once.			
	C	arbon dioxide oxy	gen hydrocarbon	combustion hydrog	jen compounds	water	combustable ethanol fuels	
	also known as	, invol	lves reacting something	ms and is therefore know g with	and when we burn the	se compounds, the	out methane crops all fossil from fuels natural fuel for gas cars  solar (sun)  will run  will not run out	
BURNING	of.		ut most of them are hy	drocarbons, so when we d			Ture	
	44444		and					