8E Combustion - Revision Worksheet	Explain how the equipment here allows you to test for	Explain why the mass of zinc oxide is greater than the mass of the zinc reacted.		
Define the following keywords:	the products of combustion.			
Combustion	to pump			
Fuel	funnel			
Fossil Fuel	flame cobalt chloride paper limewater			
Hydrocarbon				
Peactant				
	Complete the following word equations :			
Product	Magnesium + Oxygen →			
Describe how hydrogen can be used to power vehicles :	Iron + Oxygen \rightarrow	State what each of the hazard symbols means:		
	Copper + Oxygen \rightarrow			
	Zinc + Oxygen \rightarrow			
Write out a word equation for the reaction in a fuel cell :	Explain why the reactions above are examples of oxidation .	Complete the following table about the different fire extinguishers :		
Describe the energy transfers that occur		Туре	Colour	Explanation of what it puts out
during combustion.	Describe what is meant by the ' law of conservation of mass'	Water		
State the products of hydrocarbon combustion and explain how they are formed.	5g of magnesium is burnt in air , producing 10g of			
	magnesium oxide. Calculate how much oxygen was reacted with.	Foam		
	Describe the reaction of magnesium with oxygen .	Powder		

Describe what incomplete combustion is.	State the possible products of incomplete combustion: •	Rate the following on how well you think you can do them:		
Describe the effect of impurities in				
Complete the table by describing the effect of ea Carbon Monoxide Carbon Dioxide Sulfur Dioxide/ Nitrogen Oxides Soot Describe the causes of acid rain.	• ach of these pollutants.	 I can Describe the reactions of hydrogen and hydrocarbons with oxygen. Use word equations to model combustion reactions. Describe oxidation reactions of metals and non-metals. Explain changes in mass seen in oxidation reactions. Compare how phlogiston and oxygen explain combustion. Use the fire triangle to explain how to control a fire. 		
Describe the effects of acid rain .		 Identify hazard symbols for substances likely to cause fires. Identify control variables in an experiment and describe how to 		
Describe the controls of acid rain .		Control them.		
Draw and label a diagram Describe the trent below to show what the memory and the trend greenhouse effect is: Explain the trend The years. Memory and the trend Describe changes global warming.	nd of global er the years. of CO2 emissions over	 Explain why it is important to carry out a fair test. Describe pollutants that are formed by burning fuels. Explain how these pollutants cause problems and how their effects can be reduced. Describe the greenhouse effect and how it is caused. Explain how human activity may be causing global warming. Identify information text and explanation text. Use the structure of a text to help with answering questions. 		