

Chemistry 1 a Week Activity Key Stage 3		32 nd Week
Name: Class:		
Give the names of two elements in group 1 of the periodic table. 	Give the names of two elements in group 7 of the periodic table. 	
Suggest the name of the compound with the formula Al_2O_3	How many atoms are there in the formula Al_2O_3 ? 	
Reactive metals react with acids. Complete the word equations for the following reactions between metals and acids. zinc + hydrochloric acid $\rightarrow$ calcium + sulfuric acid $\rightarrow$		
Describe a test to show that a gas is hydrogen. 	Identify the following piece of apparatus?  	
Give the formula of an oxygen molecule? 	Give the formula of a molecule of water? 	
Complete the following table by filling in the empty boxes.		
Symbol	Ag	
Name of element		Boron
.....		Lead
.....		Fe
.....		Ne
Define diffusion. 		
What gas is needed for a fuel to burn? 	Is a pH of 2 acidic or alkaline? 	
Determine the chemical formula for the compound made from iron(III) ions (Fe^{3+}) combined with nitrate ions (NO_3^-). 		