

element and one compound																	
use diagrams to represent atoms and molecules of elements and compounds																	
identify an unknown element from its physical and chemical properties																	
Complete the table to find the use of specific metals and non-metals for different applications, using data provided.	<table border="1"> <thead> <tr> <th>Metal</th> <th>use</th> </tr> </thead> <tbody> <tr> <td>Gold</td> <td></td> </tr> <tr> <td>Copper</td> <td></td> </tr> <tr> <td>Helium</td> <td></td> </tr> <tr> <td>Carbon</td> <td></td> </tr> <tr> <td>Iron</td> <td></td> </tr> <tr> <td>Oxygen</td> <td></td> </tr> <tr> <td>Hydrogen</td> <td></td> </tr> </tbody> </table>	Metal	use	Gold		Copper		Helium		Carbon		Iron		Oxygen		Hydrogen	
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<ul style="list-style-type: none"> <u>KS3C2.2 - Year 7 – Chemistry -Atoms Elements and compounds – Lesson2 :Molecules , compounds and mixtures</u> 																	
Define a mixture																	
Name some mixtures																	
Name some compounds And the elements in the compounds																	
What is the difference between a mixture and a compound																	
How is the property of carbon dioxide different from its elements																	
<ul style="list-style-type: none"> <u>KS3 - Year 7 – Chemistry -Atoms Elements and compounds – lesson 3 – The periodic table</u> 																	
Annotate the periodic table to identify the position of Metals Non-metals Solids Liquids Gases																	
What does the term period mean																	
What does the term group mean																	
Label the groups and periods on the periodic table																	

State the trend in reactivity of group 1 elements	
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State the trend in MP / BP of group 1 elements	
State the trend in MP / BP of group 7 elements	

KS3C2.4 – lesson 4 – Formulae of Compounds

Complete the table with the symbols of the elements in the periodic table	element	sodium	oxygen	barium	nitrogen	sulphur	gold	lithium
	symbol							

Write the formula of the following compounds	compound	formula
	Sodium chloride	
	Magnesium oxide	
	Lithium bromide	
	Barium sulphide	
	Potassium nitride	
	Calcium nitride	

Complete the table with the number of atom and number of elements in the following compounds	compounds	Elements present	Number of atoms
	NaBr		
	MgSO ₄		
	Li ₂ SO ₄		
	KNO ₃		
	AgNO ₃		
	MgS		
	CO ₂		

KS3C2.5 – lesson 5 – Word Equations

Complete the following equations	1) Lithium + Oxygen → 2) Potassium + Fluorine → 3) Lithium + Sulphur → 4) Barium + Bromine → 5) Magnesium + Chlorine → 6) Potassium + sulphur + Oxygen → 7) Potassium + Carbon + Oxygen → 8) Sodium + sulphur + Oxygen →
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Write the symbol equations
for the equations

Balance the above equations