



**GCSE  
Science**



**Personalised Learning Checklist**

**Name:**

**Class:**

<b>Exam Board</b>	Edexcel
<b>Paper</b>	Chemistry paper 1

<b>My target grade is</b>	
<b>Group</b>	

<b>My current Grade is:</b>	Autumn:	Spring:	Summer:
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Use this checklist before your assessment to focus your work and after to check the effectiveness of your work.




<b>G</b>	I am confident about this topic and I know what I need to do.
<b>A</b>	I am not too sure about this topic. I may need to check with my teacher and spend more time working on this topic.
<b>R</b>	I am not confident I could answer a question on this topic. I need to check with my teacher and ensure I have what I need to do it.




Unit	Topic Focus			
		R	A	G
CC1	States of matter			
CC2	Methods of Separating and Purifying Substances			
CC3	Atomic Structure			
CC4	The periodic table			
CC5	Ionic Bonding			
CC6	Covalent bonding			
CC7	Types of substance			
CC8	Acids and Alkalis			
CC9	Calculations Involving Masses			




<b>Therapy (Interventions)</b>




<b>Additional Support / Guidance</b>

<b>CC1&amp;2</b>		How I feel about my current knowledge??		
				
<b>CC1</b>	<b>States of Matter</b>			
<b>CC2</b>	<b>Methods of Separating and Purifying Substances (Paper 1)</b>			
CC1	States of Matter			
CC2a	Mixtures			
CC2b	Filtration and crystallisation			
CC2c	Paper chromatography			
CC2d	Distillation			
CC2d	Core practical – Investigating inks			
CC2e	Drinking water			
Glossary:				

<b>CC3&amp;4</b>		How I feel about my current knowledge??		
				
<b>CC3</b>	<b>Atomic Structure (Paper 3 and Paper 4)</b>			
CC3a	Structure of an atom			
CC3b	Atomic number and mass number			
CC3c	Isotopes			
<b>CC4</b>	<b>The Periodic Table Paper 3 and Paper 4)</b>			
CC4a	Elements and the periodic table			
CC4b	Atomic number and the periodic table			
CC4c	Electronic configurations and the periodic table			
Glossary:				

<b>CC5, 6 &amp; 7</b>		How I feel about my current knowledge??		
				
<b>CC5, 6 and 7</b>	<b>Ionic Bonding, Covalent Bonding and types of Substance (Paper 3 and Paper 4)</b>			
C5a	Ionic Bonds			
CC5b	Ionic lattices			
CC5c	Properties of ionic compounds			
CC6a	Covalent bonds			
CC7a	Molecular compounds			
CC7b	Allotropes of carbon			
CC7c	Properties of metals			
CC7d	Bonding models			
Glossary:				

<b>CC8</b>		How I feel about my current knowledge??		
				
<b>CC8</b>	<b>Acids and Alkalis (Paper 3)</b>			
CC8a	Acids, alkalis and indicators			
CC8b	Looking at acids (Higher Only)			
CC8c	Bases and salts			
CC8c	Core practical – Preparing copper sulfate			
CC8d	Alkalis and balancing equations			
CC8d	Core practical – Investigating neutralisation			
CC8e	Alkalis and neutralisation			
CC8f	Reactions of acids with metals and carbonates			
CC8g	Solubility			
Glossary:				

<b>CC9-11</b>		How I feel about my current knowledge??		
				
<b>CC9</b> <b>CC10</b> <b>CC11</b> <b>CC12</b>	<b>Calculations Involving Masses, Electrolytic Processes, Obtaining and Using Metals Reversible Reactions and Equilibria</b>			
CC9a	Masses ad empirical formulae			
CC9b	Conservation of mass			
CC9c	Moles			
CC10a	Electrolysis			
CC10a	Core practical – Electrolysis of copper sulfate solution			
CC10b	Products from electrolysis			
CC11a	Reactivity			
CC11b	Ores			
CC11c	Oxidation and reduction			
CC11d	Life cycle assessment and recycling			
Glossary:				