



Curriculum Plans – Key Stage 3 Chemistry

Please find below a detailed outline of the curriculum covered in Chemistry through Year 9 in Key Stage 3.

Year 9

Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7
Material Properties (Unit 8) <ul style="list-style-type: none">• Atomic structure• The nucleus• Protons, electrons and the periodic table• Group 1 elements• Group 2 elements• Group 7 elements• Periodic trends	Energy Changes (Unit 9) <ul style="list-style-type: none">• Energy changes in chemical reactions• Endothermic and exothermic chemical reactions and examples of each	The Reactivity Series (Unit 10) <ul style="list-style-type: none">• The reactions of metals with oxygen• The reactions of metal with water• The reactions of metal with acid• The reactivity series• Metal displacement reactions• Extracting metals from their ores	Making Salts (Unit 11) <ul style="list-style-type: none">• Making salts - acids and metals• Making salts - acids and carbonates• Making salts - acids and alkalis• Fertilisers	Rates of reaction (Unit 12) <ul style="list-style-type: none">• Concentration and reaction rate• Temperature and reaction rate• Surface area and reaction rate• Catalysts and reaction rate	Revision KS3 Review	Planet Earth (Unit 1) <ul style="list-style-type: none">• Everything is made of particles• Solids, liquids and gases• The particles in solids, liquids and gases• A closer look at gases!
End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Key Stage Assessment	End of Unit Assessment
		Data for Autumn Report		Data for Spring Report		Data for Summer Report
Autumn			Spring		Summer	