



Curriculum Plans – Key Stage 3 Chemistry

Please find below a detailed outline of the curriculum covered in Chemistry through Year 8 in Key Stage 3.

Year 8

	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7
	States of Matter (Unit 5) <ul style="list-style-type: none">• The states of matter revisited• Diffusion• Brownian motion• Density• Gas pressure	Material Properties (Unit 6) <ul style="list-style-type: none">• Atoms• Elements and their symbols• Discovering and organising elements• Differences between metals and non-metals• Compounds• Making compounds	Material Properties (Unit 6) <ul style="list-style-type: none">• Comparison of atoms, elements, molecules and compounds• Naming compounds and writing chemical formulae• Oxides, hydroxides, sulfates, carbonates and chlorides• Introduction to mixtures• Difference between mixtures and pure substances	Material Properties (Unit 6) <ul style="list-style-type: none">• Different types of mixtures• Separating mixtures - filtering and decanting• Evaporation and simple distillation• Fractional distillation• Chromatography• Separating metals from their ores	Material Changes (Unit 7) <ul style="list-style-type: none">• Chemical reactions• Word equations• More chemical formulae• Corrosion reactions• Using reactions to identify chemicals	Revision Retrieval Assessment Review	Project Work
Assessment	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Unit Assessment	End of Year Summative Assessment	Skill-based Assessment