



Key Learning Constructs to be developed over the academic year. – Core Knowledge	Scheme of Learning Autumn Term	Scheme of Learning Spring Term	Scheme of Learning Summer Term
	Part 1 Chemistry of The Atmosphere Part 2 Using Resources	Part 3 Revision Part 4 Revision	Part 5 Revision Part 6
Hinterland Knowledge	Real examples of the APPLICATION of the content studied (eg how drugs affect the body) or maybe historical events like the Haber Process, Mendeleev's Periodic Table etc	Real examples of the APPLICATION of the content studied (eg how drugs affect the body) or maybe historical events like the Haber Process, Mendeleev's Periodic Table etc	Real examples of the APPLICATION of the content studied (eg how drugs affect the body) or maybe historical events like the Haber Process, Mendeleev's Periodic Table etc
Assessment: -Formative Techniques -Summative Pieces	Use of whiteboards, hinge questions, recall questions.		
	End of Topic Tests	End of Topic Tests	End of Topic Tests and End of Year Assessment
Key Vocabulary	Key scientific terminology appropriate to each topic studied	Key scientific terminology appropriate to each topic studied	Key scientific terminology appropriate to each topic studied
Key Skills	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects
Opportunities Outside the taught			

Curriculum.	Careers, STEAM enrichment activities, educational visits	Careers, STEAM enrichment activities, educational visits	Careers, STEAM enrichment activities, educational visits
--------------------	--	--	--