CHEMISTRY	Year 6 - End of KS2	Year 7	Year 8	Year 9	Year 10	Year 11	SCHOOL LEAVERS 16	Year 12	Year 13	SCHOOL LEAVERS 18
MATERIALS	Everyday materials and their uses		Metals & their uses	Making materials	Fuels and Earth science	Fuels and Earth science (TRIPLE)	Students can progress from this qualification to: ● GCEs, e.g. Chemistry ● Level 3 vocational qualifications in science, for example BTEC Level 3 in Applied Science ● employment, for example in a science-based industry where an apprenticeship may be available. The content and skills for these qualifications are set by the DfE to be suitable to allow these progression routes.	Organic Chemistry I	Organic Chemistry II	As well as a deep subject knowledge, students also develop a wealth of transferrable skills; cognitive skills, non-routine problem solving, expert thinking, metacognition, creativity, decision making, reasoning, critical thinking, ICT literacy, interpersonal skills, communication, relationship-building skills, collaborative problem solving, adaptability, self-management. When students finish this course, they are well equipped for further education, e.g. a degree in chemical engineering or medicine or for the workplace.
					Extracting metals and equilibria	Extracting metals and equilibria (TRIPLE)			Organic Chemistry III	
								Modern Analytical Techniques I	Modern Analytical Techniques II	
CHEMICAL REACTIONS	Properties & changes of materials	Mixtures & separation	Combustion	Reactivity	Rates of reaction and energy changes	Chemical changes		Redox I	Redox II	
		Acids & Alkalis			Chemical changes	Rates of reaction and energy changes		Inorganic Chemistry and the Periodic Table	Acid-base Equilibria	
								Energetics I	Energetics II	
								Kinetics I	Kinetics II	
								Equilibrium I	Equilibrium II	
									Transition Metals	
PARTICLES	States of matter	The Particle model	The Periodic table		Groups in the periodic table	Groups in the periodic table		Atomic Structure and the Periodic Table		
		Atoms, elements & molecules			States of matter and mixtures (Yr 9 Summer term)	States of matter and mixtures		Bonding and Structure		
								Formulae, Equations and Amounts of Substance		
GEOLOGY	Rocks		Rocks							
SKILLS	Working scientifically	Working scientifically	Working scientifically	Working scientifically	Core Practicals	Core Practicals		Core Practical Assessments	Core Practical Assessments	