



Subject Year Plan 2022-23

Half Term	Year 10	Year 11
Autumn 1	Key concepts	Fuels
	Key concepts	Fuels
	Key concepts	Fuels
	Key concepts	Hydrocarbons
	Key concepts	Polymers
	Key concepts	Alcohols and carboxylic acids
Autumn 2	Key concepts	Alcohols and carboxylic acids
	Calculation involving masses (easier calcs only here)	Earth and atmospheric science
	Calculation involving masses (easier calcs only here)	Earth and atmospheric science
	States of matter and purifying substances	Earth and atmospheric science
	Acids	Bulk and surface properties of matter including nanoparticles
	Acids	Bulk and surface properties of matter including nanoparticles
Spring 1	Acids	Qualitative analysis: tests for ions
	Acids	Qualitative analysis: tests for ions
	Electrolysis	Qualitative analysis: tests for ions
	Electrolysis	
	Electroplating	
Spring 2	Extracting metals	
	Reversible reactions and equilibria	
	Reversible reactions and equilibria	
	Calculation involving masses	
	Calculation involving masses	
Summer 1	Chemical cells and fuel cells	
	Explaining the reactions of group 1, 7 and 0 elements	
	Explaining the reactions of group 1, 7 and 0 elements	
	Rates of reaction	
	Rates of reaction	
	Energy changes in chemical reactions	
Summer 2	Energy changes in chemical reactions	
	Energy changes in chemical reactions	
	Fuels	
	Fuels	
	Fuels	
	Fuels	