

Long Term Plan Subject: Chemistry (combined) YEAR 10

Term	Topic(s)	Assessed work	Additional details
1 a 7 weeks 14 lessons	C17-19 Groups: Group 1 Group 7 Group 8 Rates of reaction: Temperature Concentration Surface area Catalysts Energetics: Exothermic and endothermic reactions		
1b 7 weeks 14 lessons	C8 Acids, alkalis and metals: Acids and alkalis Bases and salts Word and symbol equations	C17-19 end of unit test 15/11	25 marks, peer assessed
2a 7 weeks _lessons	C8 Acids, alkalis and metals: Neutralisation Acids and metals/metal carbonates Solubility C11-13 Metals: Metal reactivity	C8 end of unit test 24/1	25 marks, peer assessed
2b 5 weeks _lessons	C11-13 Metals: Metal displacement, ores Oxidation and reduction, life cycle assessment Transition metals C22-23 The atmosphere and pollution: The atmosphere Pollution Climate change C9 Calculations involving mass: Relative formula mass		

3a 5 weeks _lessons	C9 Calculations involving mass: Empirical formulae Moles Conservation of mass	C9, C11-13, C22-23 end of unit test 2/5	25 marks, peer assessed
3b			