

Year 12 - AQA Specification				
	12C Chemistry		12D Chemistry	
Week Commencing	Dr Atkins (3)	Mr Martin (2)	Miss Noyes (3)	Mr Martin (2)
02/09/2019	<b>Part 1 - Physical Chemistry</b> - 1.1 Atomic Structure	<b>Part 3 - Organic Chemistry</b> - 3.1 Introduction -Chemical Formula	<b>Part 1 - Physical Chemistry</b> - 1.1 Atomic Structure	<b>Part 3 - Organic Chemistry</b> - 3.1 Introduction Chemical Formula
09/09/2019	TOF Mass Spectrometry	Nomenclature (Naming Molecules)	TOF Mass Spectrometry	Nomenclature (Naming Molecules)
16/09/2019	Ionisation Energy	Structural Isomers	Ionisation Energy	Structural Isomers
23/09/2019	The Quantum Model for Electronic Structure	Stereoisomers + Review	The Quantum Model for Electronic Structure	Stereoisomers + Review
30/09/2019	Continued Orbital Notation Practice and <b>End of Unit Test</b>	End of Topic Test (Intro to Organic Chemistry) + Start 3.2 Alkanes (Fractional Distillation and Cracking)	Continued Orbital Notation Practice and <b>End of Unit Test</b>	End of Topic Test (Intro to Organic Chemistry) + Start 3.2 Alkanes (Fractional Distillation and Cracking)
07/10/2019	<b>Unit 1.2 Amounts of Substance</b> - The Mole, Ideal Gas Equation	Combustion + Catalytic Converters + Start Radical Substitution Reactions	<b>Unit 1.2 Amounts of Substance</b> - The Mole, Ideal Gas Equation	Combustion + Catalytic Converters + Start Radical Substitution Reactions
14/10/2019	Empirical Formulae and Reacting Masses	Radical Substitution Reactions + Review	Empirical Formulae and Reacting Masses	Radical Substitution Reactions + Review
21/10/2019	Reacting Gases, and <b>End of Unit Test</b>	End of topic test (alkanes) + Start 3.3 Halogenoalkanes	Reacting Gases, and <b>End of Unit Test</b>	End of Topic Test (Alkanes) + Start 3.3 Halogenoalkanes
<b>HALF TERM</b>				
04/11/2019	<b>Required Practical 1</b>	Nucleophilic Substitution Reactions	<b>Required Practical 1</b>	Nucleophilic Substitution Reactions
11/11/2019	<b>Unit 1.3 Bonding</b> - Ionic Bonding within lattices	Elimination Reactions + Ozone Depletion + Review	<b>Unit 1.3 Bonding</b> - Ionic Bonding within lattices	Elimination Reactions + Ozone Depletion + Review
18/11/2019	Covalent and Dative Bonding	End of Topic Test (Halogenoalkanes)	Covalent and Dative Bonding	End of Topic Test (Halogenoalkanes)
25/11/2019	Metallic Bonding	Start 3.4 Alkenes - Addition Reactions of Alkenes	Metallic Bonding	Start 3.4 Alkenes - Addition Reactions of Alkenes
02/12/2019		Primary, Secondary + Tertiary Carbocation Intermediates + Testing for Alkenes		Primary, Secondary + Tertiary Carbocation Intermediates + Testing for Alkenes
09/12/2019		Addition Polymerisation + Review		Addition Polymerisation + Review