

**Bilton School Planning for Progress over Time
Programme of Study 2021/22**

IMPLEMENTATION

	Term 1 3.1 Physical Chemistry – 3.1.1 Atomic Structure (JLR), 3.1.2 Amount of Substance (SXB), 3.1.3 Bonding (JHV), 3.1.4 Energetics (SXB), 3.2 Inorganic Chemistry - 3.2.1 Periodicity (JLR)	Term 2 3.1 Physical Chemistry – 3.1.3 Bonding continued (JHV), 3.1.6/7 Chemical Equilibria and Redox, 3.2 Inorganic Chemistry – 3.2.2 Group 2 (JLR), 3.2.3 Group 7 (17) The Halogens (SXB), PPEs, 3.1 Physical Chemistry – 3.1.5 Kinetics (SXB), 3.3 Organic Chemistry - 3.3.1 Introduction to Organic Chemistry (JHV), 3.3.2 Alkanes (JLR)	Term 3 3.1 Physical Chemistry – 3.1.5 Kinetics (SXB), 3.3 Organic Chemistry - 3.3.1 Introduction to Organic Chemistry (JHV), 3.3.2 Alkanes (JLR), 3.3.3 Halogenoalkanes (JLR), 3.3.4 Alkenes (JHV), 3.3.5 Alcohols (SXB), 3.3.6 Organic Analysis (SXB),	Term 4 PPEs, Revision	Term 5 Revision	Term 6 Start Yr13 Chemistry
KS5	2/9/21 6/9/21 13/9/21 20/9/21 27/9/21 4/10/21 11/10/21 18/10/21	1/11/21 8/11/21 15/11/21 22/11/21 29/11/21 6/12/21 13/12/21	3/1/22 10/1/22 17/1/22 24/1/22 31/1/22 7/2/22 14/2/22	28/2/22 7/3/22 14/3/22 21/3/22 28/3/22 4/4/22	25/4/22 2/5/22 9/5/22 16/5/22 23/5/22	6/6/22 13/6/22 20/6/22 27/6/22 4/7/22 11/7/22 18/7/22
Year 12 Chem	Atomic Structure 1, Bonding 1, Amount of substance 1-3 Atomic Structure 2, Bonding 2, Amount of substance 4-5 Atomic Structure 3, Bonding 3, Amount of substance Review ETT Atomic Structure 4, Bonding 4, Amount of substance Reteach, Energetics 1-2 Atomic Structure Review ETT, Bonding 5, Energetics 1-3 Atomic Structure Reteach Bonding 6, Energetics 4 Review Periodicity 1, Bonding 6, Energetics ETT Reteach	HOLIDAY: 1 WEEK Periodicity 2, Bonding 7, Chemical Equilibria, Le Chatelier's Principle and Kc 1-3 Periodicity 3, Bonding Review ETT, Chemical Equilibria, Le Chatelier's Principle and Kc, Redox 4 Review Group 2 1, Bonding Reteach, Group 7 1-3 PPE 1 – AS Paper 1 – Any lessons used for Revision PPE 1 - Reteach Alkanes 1, Introduction to Organic Chemistry 1, Kinetics 1-3 Alkanes 2, Introduction to Organic Chemistry 2, Kinetics 4-Review	HOLIDAY: 2 WEEKS Alkanes 3, Introduction to Organic Chemistry 3, Kinetics ETT Reteach Alkanes 4, Introduction to Organic Chemistry Review Kinetics 4-Review Alkanes ETT, Alkenes 1, Alcohols 1-3 Alkenes Reteach, Alkenes 2, Alcohols Review ETT Reteach Halogenoalkanes 1, Alkenes 3, Organic Analysis 1-3 Halogenoalkanes 2, Alkenes Review ETT, Organic Analysis 4-Review Review and PPE Prep	HOLIDAY: 1 WEEK PPE 2 – AS Paper 1 and Paper 2 PPE 2 – AS Paper 1 and Paper 2 PPE 2 - Reteach	HOLIDAY: 2 WEEKS	HOLIDAY: 1 WEEK
Progress and assessment	End of topic test (ETT) Follow on questions to test previous knowledge through the Unit.	End of topic test (ETT) Follow on questions to test previous knowledge through the Unit.	End of topic test (ETT) Follow on questions to test previous knowledge through the Unit.	End of topic test (ETT) Follow on questions to test previous knowledge through the Unit.	End of topic test (ETT) Follow on questions to test previous knowledge through the Unit.	End of topic test (ETT) Follow on questions to test previous knowledge through the Unit.
Required Practical (RP)	1a – Making a Standard Solution 1b – Performing Titrations 2 – Measuring Enthalpy Changes	3 – Measuring the Rate of a Reaction 4 – Testing for Ions	5 – Purifying the Product of a Reaction 6 – Testing for Functional Groups		Catch up of Yr12 required practicals	
Homework <i>(ensure that this is NOT stand alone, but clearly advances or embeds knowledge and understanding)</i>	SENECA Based Tasks	SENECA Based Tasks	SENECA Based Tasks	SENECA Based Tasks	SENECA Based Tasks	SENECA Based Tasks
IMPACT:	Students will be able to measure progress using tracking sheets in exercise books. As all assessments will use generic criteria, will be moderated through dept meetings it will be possible to measure progress over time within and across year groups.					