

Year 10 Curriculum Overview 2017-2018

Subject: Separate Sciences

Term		Content	Assessment
Autumn Term	Half Term 1	Pupils will complete: BIOLOGY: B2 Cells and Control; B3 Genetics CHEMISTRY: C3 Atomic Structure (Atomic Mass & Isotopes); C4 The Periodic Table; C5&6 Ionic and Covalent Bonding; C7 Types of Substance. PHYSICS: P2 Forces and Motion; P3 Conservation of Energy.	Science Teacher Assessment on: B2-3; P2-3; C3-6 Note: Pupils will have studied C1 States of Matter, C2 Methods of Separating and Purifying Mixtures, B1 Key Biological Concepts and P1 Motion in Year 9.
	Half Term 2	Pupils will complete: BIOLOGY: B3: Genetics; B4: Natural Selection and Genetic Modification CHEMISTRY: C8 Acids, C9 Calculations involving Masses PHYSICS: P4 Waves. (Wave velocity, Refraction), P7 Astronomy, P8/P9 Energy and Forces doing Work	Linear Assessment on: B1-3; C1-9; P1-3 & P7-9
Spring Term	Half Term 3	Pupils will complete: BIOLOGY: B5 Health, Disease and the Development of Medicines. CHEMISTRY: C10 Electrolytic Processes; C11 Obtaining and Using Metals; C12 Reversible Reactions and Equilibria PHYSICS: P5 Light & the Electromagnetic Spectrum. (Electromagnetic Waves, Using long and short wavelengths, Radiation Dangers).	Science Teacher Assessment: Core Practical Assessment
	Half Term 4	Pupils will complete: BIOLOGY: B4 Natural Selection and Genetic Modification CHEMISTRY: C13 Transition Metals, C14 Quantitative Analysis; C15 Dynamic Equilibria. C16 Fuel Cells PHYSICS: P5 Light & the Electromagnetic Spectrum. (Electromagnetic Waves, Using long and short wavelengths, Radiation Dangers).	Internal Linear Assessment on: B4-5; C10-15; P4-6
Summer Term	Half Term 5	Pupils will complete: BIOLOGY: B4 Natural Selection and Genetic Modification CHEMISTRY: C17 Group 1,7 & 0, C18 Rates of Reaction, C19 Heat Changes PHYSICS: P6 Radioactivity, P10 Electricity and Circuits	Science Teacher Assessment

Half Term 6

Pupils will complete:

BIOLOGY: B6 Plant Structures and Functions

CHEMISTRY: C20-22 Fuels, Earth and Atmospheric Science,
Hydrocarbons

Internal Linear Mock Examination

