Subject: A- level Sciences

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Yr 12 Biology	Chapter 2 Basic components of living systems Chapter 3 Biological molecules Chapter 4 Enzymes PAG 1, 4 & 9 ***Assessment on Chapters 2,3 & 4 and*** Go Green	Chapter 5 Plasma membranes Chapter 6 Cell division PAG 8 Revision for PPE ***Assessment and Go Green***	Chapter 7 Exchange surfaces & breathing Chapter 8 Transport in animals Chapter 9 Transport in plants Chapter 10 Classification & evolution PAG 2	Chapter 11 Biodiversity Chapter 12 Communicable diseases PAG 3 Revision for PPE ***Assessment and Go Green***	Revision	***Year 13 content*** starts Chapter 13 Neuronal communication Chapter 14 Hormonal communication PAG 11
Yr 13 Biology	Recap on Chapter 13 Neuronal communication Chapter 14 Hormonal communication Chapter 15 Homeostasis Chapter 16 Plant responses ***Revision & Assessment on Chapters 13-16***	Chapter 17 Energy for biological responses Chapter 18 Respiration Chapter 19 Genetics in living systems PAG 6 & 12 Revision for PPE ***Assessment on Chapters 17 & 18 and Go Green***	Chapter 20 Patterns of inheritance & variation Chapter 21 Manipulating genomes Chapter 22 Cloning & biotechnology	PAG 7 & 10 Chapter 23 Ecosystems Chapter 24 Populations & sustainability Revision for PPE ***Assessment and Go Green***	Revision	

Yr 12 Chemistry	Chapter 2 Atoms, ions & compounds Chapter3 Amount of substance Chapter 5 Electrons & bonding Chapter 6 Shapes of molecules & intermolecular forces PAG 1 ***Assessment & Go Green***	Chapter 4 Acids & redox Chapter 7 Periodicity Chapter 8 Reactivity trends Chapter 9 Enthalpy PAG 2 PAG 3 PAG 4 ***Assessment & Go Green***	Chapter 10 Reaction rates & equilibria Chapter 11 Basic concepts of organic chemistry Chapter 12 Alkanes Chapter 13 Alkenes ***Assessment & Go Green***	Chapter 14 Alcohols Chapter 15 Haloalkanes Chapter 16 Organic synthesis Chapter 17 Spectroscopy PAG 5 PAG 6 ***Assessment & Go Green***	Revision for PPE ***Assessment & Go Green***	**Year 13 content starts** Chapter 18 Rates of reaction Chapter 22 Enthalpy & entropy
Yr13 Chemistry	Review of AS assessments Review of Chapter 18 with PAGs 9 & 10 Chapter 19 Equilibrium Chapter 20 Acids, bases & pH Chapter 24 Transition elements ***Assessment & Go Green***	Chapter 24 Transition elements cont'd Chapter 21 Buffers & neutralisation Chapter 23 Redox & electrode potentials Chapter 25 Aromatic chemistry Chapter 26 Carbonyls & carboxylic acids PAG 7 PAG 11 **PPE** ***Assessment & Go Green***	Chapter 23 Redox & electrode potentials cont'd Chapter 27 Amines, amino acids & polymers Chapter 28 Organic synthesis Chapter 29 Chromatography & spectroscopy PAG 12	Chapter 23 Redox & electrode potentials cont'd Chapter 29 Chromatography & spectroscopy PAG 8 **PPE** ***Assessment & Go Green***	Revision	

Yr12 Physics	**Motion** **Forces** **Materials** **Laws of motion & momentum** **PAG 1** **PAG 2** ***Assessment and Go Green***	**Laws of motion & momentum cont'd** **Work, energy & power** **Charge & current** **Revision for PPE** ***Assessment and Go Green***	**Waves 1** **Waves 2** **Energy, power & resistance** **PAG 3**	**Quantum Physics** **Circuits** **PAGs 4, 5 & 6**	**Revision**	**Year 13 content starts** **Circular Motion** **Oscillations** **PAG 10**
Yr13 Physics	**Gravitational Fields** **Stars** **Capacitance** **Thermal physics** **Ideal Gases** **PAG 7 & 11** ***Assessment and Go Green***	**Cosmology** **Electric fields** **PAG 12** **PPE** ***Assessment and Go Green***	**Particle physics** **Radioactivity** **Nuclear physics** **Magnetic Fields** **Medical imaging** **PAG 8 & 9**	**Revision for PPE** ***Assessment and Go Green***	**Revision**	