



SRS –Curriculum Overview – Biology

	Term 1 Key knowledge/skills	Term 2 Key knowledge/skills	Term 3 Key knowledge/skills	Resources & Information for parents/students
This subject is only taught in KS4 and KS5				
Y10	Separates Intro B7 – Non communicable diseases B8 – Photosynthesis B9 – Respiration B10 – The Human Nervous System B11 – Hormonal Control B12 – Homeostasis in Action	B13 – Reproduction B14 – Variation & Evolution B15 – Genetics & Evolution	B16 – Adaptations, Interdependence & Competition B17 – Organising an Ecosystem	BBC bitesize - https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7
Y11	B16 – Adaptations, Interdependence & Competition B17 – Organising an Ecosystem B18 – Biodiversity & Ecosystems	Mock Exams Feedback Revision	Revision	BBC bitesize - https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7
Y12	Teacher 1 Monomers & Polymers Carbohydrates, Lipids & Proteins Enzymes DNA & ATP Inorganic Ions Genes & Chromosomes Protein Synthesis Teacher 2 Eukaryotic & Prokaryotic Cells Cells & Specialisation Cell Transport Immune System	Teacher 1 Gas Exchange in Lungs & Gills Gas Exchange in Insects & Plants Limiting water loss Structure of the human gas exchange system Mass Transport in Animals Mass Transport in Plants Teacher 2 Digestion & Absorption Genetic Diversity & Meiosis Biodiversity Adaptation, Species & Taxonomy Biology Essays Introduction	Teacher 1 Transport in xylem and phloem Population and ecosystem Teacher 2 Energy and ecosystem Response to stimuli Writing Biology Essays	https://www.physicsandmathstutor.com/biology-revision/a-level-aqa/
Y13	Teacher 1 Photosynthesis & Respiration Energy & Ecosystems Nutrient Cycles Survival & Response Receptors Teacher 2 Inheritance Populations Alteration of DNA & Stem Cells Gene Expression	Teacher 1 Control of Heart Rate Nerve Impulses Synaptic Transmission Skeletal Muscles Homeostasis Teacher 2 Differences in Interspecies DNA Genetic Finger Printing	Teacher 1 Required Practical Catch Up Revision Teacher 2 Required Practical Catch Up Revision	https://www.physicsandmathstutor.com/biology-revision/a-level-aqa/