



Verulam School: Key Stage 5 CURRICULUM INFORMATION

Department: Science - Biology

Subject Leader: Alexander Jamali

Subject Vision: Our Science curriculum is designed to develop our students as strong independent thinkers who are curious about the world around them and develop their own scientific interests. We want them to have a range of complex scientific & transferable skills that allows them to make reasoned judgments for themselves and for the wider community.

	YEAR 12					
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/Unit Title	Basic components of living systems. Biological molecules	Plasma membranes Cell divisions Enzymes	Exchange surfaces and breathing Transport in Animals	Transport in plants Classification and evolution	Biodiversity Communicable disease Revision	Homeostasis Hormonal communication
	YEAR 13					
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/Unit Title	Neuronal communication Plant responses Energy for biological processes	Respiration Genetics of living systems Patterns of inheritance	Manipulating genomes Cloning and biotechnology Ecosystems	Populations and sustainability Revision	Revision/Exams	