Subject Year	Science				
	Interpretation of National Curriculum into Year group Endpoints				
	Term 1	Term 2	Term 3		
	Students will describe and explain the concepts of: B5 Homeostasis and response • principles of nervous coordination and control in humans • the relationship between the structure and function of the human nervous system • the relationship between structure and function in a reflex arc • principles of hormonal coordination and control in humans • hormones in human reproduction, hormonal and non-hormonal methods of contraception		Students will take the six exams which make up the assessment for GCSE Combined Science.		

Subject	Science Interpretation of National Curriculum into Year group Endpoints			
Year	Term 1	Term 2	Term 3	
	Chemical changes (Chemistry) • Understanding of chemical changes began when people began experimenting with chemical reactions in a systematic way and organizing their results logically. • Knowing about these different chemical changes meant that scientists could begin to predict exactly what new substances would be formed and use this knowledge to develop a wide range of different materials and processes. • It also helped biochemists to understand the complex reactions that take place in living organisms. • The extraction of important resources from the earth makes use of the way that some elements and compounds react with each other and how easily they can be 'pulled apart'.	formulae of compounds and the equations for reactions.		

Subject	Science			
	oints			
Year	Term 1	Term 2	Term 3	
	• amplitude, wavelength, frequency, relating velocity to frequency and wavelength • transverse and longitudinal waves • electromagnetic waves, velocity in vacuum; waves transferring energy; wavelengths and frequencies from radio to gamma-rays • velocities differing between media: absorption, reflection, refraction effects • production and detection, by electrical circuits, or by changes in atoms and nuclei • uses in the radio, microwave, infra-red, visible, ultraviolet, X-ray and gamma ray regions, hazardous effects on bodily tissues.			