

Year 10 Science: Semester 1 Overview 2018

Teacher: Paull Marlow and Samantha Blackmore

Weeks	Topic	Summative Assessments
Term 1 1-5	Chemistry Atoms and elements The periodic table Bonding	*Throughout the semester there are formative assessments that assess the students level of learning and understanding, however, these do not contribute to the students overall grade. Research Project – Life, achievements and contributions of a Scientist – 20%
6-11	Chemistry Chemical Equations Classifying chemical reactions Rates of chemical reactions	Design Practical - Rate of Reaction- 20% Chemistry Topic Test – 10%
Term 2 1-3	Biology DNA, Genes and Chromosomes Characteristics and Inheritance Gene Technology	Practical write up – Extract and Examine DNA -20% Research Project/Debate – Mutations/Genetic diseases/Genetic Modification/Stem Cells – 20%
4-5	Careers Week and Work Experience	
6-7	Biology Natural selection Species and evolution Human Evolution	
8-10	Biology Fossils Dating Techniques Geological time scale	Biology Topic test – 10 %