



Year 10 | Stage 5

Term 1

Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week10
Chemistry Reactions							Chemistry in the Real World		
SC5-16CW explains how models, theories and laws about matter have been refined as new scientific evidence becomes available.							SC5SC5-16CW explains how models, theories and laws about matter have been refined as new scientific evidence becomes available.		
SC5-17CW discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials.							SC5-17CW discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials.		
CW3 Chemical reactions involve rearranging atoms to form new substances; during a chemical reaction, mass is not created or destroyed. (ACSSU178)							CW4 Different types of chemical reactions are used to produce a range of products and can occur at different rates and involve energy transfer. (ACSSU187)		

Term 2

Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9	Week 10
Chemistry in the Real World		Evolution					Reproduction and Genetics		
		SC5-14LW analyses interactions between components and processes within biological systems.					SC5-14LW analyses interactions between components and processes within biological systems.		
		SC5-15LW explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society.					SC5-15LW explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society.		
		LW4 The theory of evolution by natural selection explains the diversity of living things and is supported by a range of scientific evidence. (ACSSU185)					LW3 Advances in scientific understanding often rely on developments in technology, and technological advances are often linked to scientific discoveries. (ACSHE158, ACSHE192)		



Term 3

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Reproduction and Genetics		Motion					The Universe		
		SC5-10PW applies models, theories and laws to explain situations involving energy, force and motion.					SC5-12ES describes changing ideas about the structure of the Earth and the universe to illustrate how models, theories and laws are refined over time by the scientific community		
		SC5-11PW explains how scientific understanding about energy conservation, transfers and transformations is applied in systems					SC5-13ES explains how scientific knowledge about global patterns of geological activity and interactions involving global systems can be used to inform decisions related to contemporary issues		
		PW2 The motion of objects can be described and predicted using the laws of physics. (ACSSU229)					ES1 Scientific understanding, including models and theories, are contestable and are refined over time through a process of review by the scientific community. (ACSHE157, ACSHE191)		

Term 4

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
			Waves and Communication						
			SC5-10PW applies models, theories and laws to explain situations involving energy, force and motion						
			SC5-11PW explains how scientific understanding about energy conservation, transfers and transformations is applied in systems						
			PW1 Energy transfer through different mediums can be explained using wave and particle models. (ACSSU182)						