



Week	Week beg	Unit	Concepts/Inquiry Questions/Skills/Topics	School events and public holidays	Assessment Type	Assessment Due Date
1	T14/7	Review of atoms	Protons, neutrons and electrons. Change the charge by transfer of electrons not transfer of protons. Define elements, compounds and mixtures.			
2	20/7	The Periodic Table	The number of electrons in the outer shell determines the properties of the element. Learn the first 20 elements and have a practise test.			
3	27/7	Properties of metals	Inquiry 1 p 46(yr9text), inquiry 2 p 47(yr9text), properties of metals, naming simple compounds based on the first 20 elements. E.g. CaCl ₂ not CaCO ₃	29/7 Interhouse Athletics		
4	3/8	ICT and prac	Carry out "give me a brake" assignment in computer room. Inquiry 7 p52(yr9text), prac p 54(year9text), investigation 2 p 56(yr9text) students to do line of best fit and hand in assignment	4/8 Yr 10,11,12 Parent-Teacher Interviews		
5	10/8	Physical /Chemical change	Signs of chemical reaction, prac p 23, the 5 signs of a chemical reaction, types of chemical reactions year 8 text p23-30	10/8 Class Photos (11&12) 11/8 Class Photos (8-10) 12/8 Exhibition holiday 13/8 Pupil-free day		
6	17/8	Speed of reactions	Use of catalyst, heat and particle size on reaction rates prac p 35 text pages 30-37			
7	24/8	Revision	Revision sheet will be handed out to students.	27/8 Co-curricular photo day - no assessment		
8	31/8			1/9, 2/9 QCST	Exam Chemistry	
9	7/9	Heart and Blood	Composition of blood. Text 106 - 110 Transport of blood Arteries-capillaries and veins. Text p110-115	8/9 Yr 8 and 9 Parent-Teacher Interviews 9/9 Yr 12 block exams begin		
10	14/9	The Heart	The two sides of the heart, labelling the heart and identifying each section. Test p116-118 Prac p116 dissection of the heart.	16/9 Year 12 block exams finish		
Mid Semester Vacation						
1 (11)	5/10	The circulatory system	Comparison of circulatory systems of plants and animals p 12-123	No assessment permitted		
2 (12)	12/10	Genetics	Intro to Genetics DNA and replication of. Worksheets for Genetics to be given to teachers.	13/10 Immunisations 15/10 QCAT testing (½ day)		
3 (13)	T20/10	Mendels experiments	Demonstrate how Mendel did his experiment and show different phenotypes and genotypes. Two individuals can have the same phenotype but different genotypes.	19/10 Pupil-free day 22/10 Yr 9 QCAT testing (½ day) 23/10 Co-curricular photo day - no assessment		
4 (14)	26/10	Sex Linkage	The genes for sex linked traits are carried on the X chromosome .	29/10 Yr 9 QCAT testing (½ day)		
5 (15)	2/11	Revision	Revision sheet will be handed out to students.			
6 (16)	9/11			10/11 Yr 12 Block exams begin	Exam Biology	
7 (17)	16/11	Astronomy	Design of a powerpoint presentation on astronomy. Topics include life on planets, stars and the size of the universe. The space race of the 20 th century and the new Asian space race, between India and China.	16/11 Yr 11 block exams begin 18/11 Yr 12 blocks finish 20/11 Graduation 20/11 Last day for assessment Year 10		
8 (18)	23/11	Astronomy		25/11 Yr 11 blocks finish 27/11 Last day for assessment Years 8 & 9	Presentation of Astronomy	

					assignment in class.	
9 (19)	30/11	Alternative Program for Years 8 & 9 students commences Wednesday 2 December and concludes on Friday 11 th December. Instruction under the supervision of each Faculty will be delivered.				
10 (20)	7/12					