

Year 8 – Science 2016/17

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1 3rd Sep – 23rd Oct (7 weeks)	In C2, 1.1 Metals and non-metals C2, 1.2 Groups and periods C2, 1.3 The elements of group 1		C2, 1.4 The elements of group 7 C2, 1.5 The elements of group 0.	C2, 2.1 Mixtures C2, 2.2 solutions ;	2.3 solubility practical investigation on solubility C2, 2.4 filtration	2.5 evaporation and distillation 2, 2.6 chromatography	Revise End of term test (C1 and c2)	
2 3rd Nov – 18 th Dec (7.5 weeks)	B2, 2.1 Photosynthesis 2.2 Leaves	2.3 Plant minerals. 2.4 Chemosynthesis 2.5 Aerobic respiration.	B2, 2.6 Anaerobic respiration Doddle online assessment B2, 2.7 Food chains and web	<i>2.8 Disruption to food chains and web</i> B2, 2.9 Ecosystems 8D assess yourself (Hairy caterpillar project)	B2.3.1 competition and adaptation 3.2 adapting to change B2, 3.3 Variation	3.3 continuous and discontinuous variation	B2, 3.5 inheritance 3.6 natural selection B2, 3.7 extinction	
3 5 th Jan – 12 Feb (5.5 weeks)	P2, 2.1 food and fuels; 2.2 energy adds up <i>P2, 2.3 energy and temperature</i>	P2, 2.4 energy transfer: particles ; 2.5 energy transfer: radiation	2.7 energy and power, 2.8 work, energy and machines. P2, 2.6 energy resources	P2, 3.1 speed 3.2 motion graph P2, 3.3 pressure in gases.	P2, 3.4 pressure in liquids P2, 3.5 pressure in solids P2, 3.6 turning forces.	Revision End of chapter test (b1, b2, p2 and p3)		
4	2, 3.1 Metals and acids	3.3 metals and water	C2, 3.6 ceramics, 3.7 polymers	C2, 4.1 the earth and the	C2, 4.3 igneous and	C2, 4.5 the carbon cycle		

22 Feb – 23rd Mar 6 weeks	3.2 metals and oxygen, Metals and acid investigation	C2, 3.4 metal displacement reactions, 3.5 extracting metals	2, 3.8 composites	atmosphere C2, 4.2 sedimentary rocks	metamorphic rocks 4.4 the rock cycle Doddle online assessment	, 4.6 climate change ;4.7 recycling	
5 11 Apr – 27 May (5.5 weeks)	B2, 1.1 Nutrients 1.2 Food tests	B2, 1.3 Unhealthy diets 1.4 Digestive system	1.4 Digestive system , 1.5 Bacteria and enzymes in digestion	1.6 Drugs B2, 1.7 Alcohol	B2, 1.8 Smoking ES 9B AY task	End of year tests	
6 6 June – 19th July (8 weeks)	P2, 1.1 Charging up P2, 1.2 Circuits and currents	P2, 1.3 Potential difference 1.4 Series and parallel	1.4 Series and parallel; P2, 1.5 Resistance P2, 1.6 Magnets and magnetic field	1.7 Electromagnets P2, 1.8 Using Electromagnets	8J assess yourself Revision	KS&KS3 investigation skills	

Key Principles:

- Unit code, Topic title, Assessment outcome
- Summative Assessment deadline shaded and calendared
- Internal Marking deadline, External Submission dates calendared