

Year 7 & 8 references are to Oxford Smart Activate 1 (Year 7) & Activate 2 (Year 8)

Year 12 and 13 references are to AQA A level Physics Oxford.

Year 9, 10 and 11 references are to AQA Chemistry Oxford. Items marked * at GCSE are not required for Combined Science (but will be covered by all for the Year 9 topics).

Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
Cells All B1 chap1 [1.1-1.5] [pg 24-37] Structure & function of body system All of B1 chap2 [2.1-2.6] [pg 38-53] Reproduction All of B1 chap3 [3.1-3.8] [pg 54-73] Particles & their behaviour All of C1 chap1 [1.1-1.7] [pg 76-93] Elements, atoms, & compounds All of C1 chap2 [2.1-2.4] [pg 94-105] Reactions All of C1 chap3 [3.1-3.7] [pg 106-123] Acids & alkalis All of C1 chap4 [4.1-4.4] [pg 124-135] Forces All of P1 chap1 [1.1-1.5] [pg 138-151] Sound All of P1 chap2 [2.1-2.5] [pg 152-165] Light All of P1 chap3 [3.1-3.5] [pg 166-179] Space All of P1 chap4 [4.1-4.4] [pg 180-191]	Health & Lifestyle All B2 chap1 [1.1-1.8] [pg 22-41] Biological processes All of B2 chap2 [2.1-2.5] [pg 42-55] Ecosystem & Adaptation All of B3 chap3 [3.1-3.5] [pg 56-69] Inheritance All of B4 chap4 [4.1-4.5] [pg 70-83] The periodic table All of C2 chap1 [1.1-1.7] [pg 86-103] Separation techniques All of C2 chap2 [2.1-2.7] [pg 104-121] Metals & acids All of C2 chap3 [3.1-3.8] [pg 122-141] The Earth All of C2 chap4 [4.1-4.8] [pg 104-119] Electricity & magnetism All of P2 chap1 [1.1-1.9] [pg 164-185] Energy All of P2 chap2 [2.1-2.8] [pg 186-204] Motion & pressure All of P2 chap3 [3.1-3.6] [pg 206-221]	Atomic Structure C1.1,1.2,1.6,1.7,1.8, Structure and bonding C3.1,3.2,3.3,3.4,3.5, 3.6,3.7,3.8,3.9,3.10, 3.11*, 3.12* Chemical changes C5.1,5.2,5.3,5.4,5.5, 5.6,5.7,5.8 RP1 Crude oil and fuels C9.1,9.2,9.3,9.4 The periodic table C2.1,2.2,2.3,2.4,2.5 2.6*	Chemical calculations C4.1,4.2,4.3,4.4,4.5* 4.6,4.7*,4.8*,4.9* RP2* Rates and equilibrium C8.1,8.2,8.3,8.4,8.5,8.6,8.7, 8.8,8.9 RP5 Electrolysis C6.1,6.2,6.3,6.4 RP3 Energy changes C7.1,7.2,7.3,7.4,7.5*,7.6* RP4 Organic Reactions C10.1*,10.2*,10.3*,10.4* The Earth's resources C14.1,14.2,14.3,14.4,14.5, 14.6 RP8	Chemical Analysis C12.1,C12.2,C12.3, C12.4*,C12.5* C12.6* RP 7* Polymers C11.1*,11.2*,11.3*,11.4* * The Earths atmosphere C13.1,C13.2,C13.3,C13.4 ,C13.5 Using our resources C15.1*,C15.2*, C15.3*,C15.4*, C15.5*,C15.6*, C15.7*,C15.8*	Atomic structure 1.1/1.2/1.3/1.4/1.5/1.6 Amount of Substance 2.1,2.2,2.3,2.4,2.5,2.6. RP1 Bonding 3.1,3.2,3.3,3.4,3.5,3.6, 3.7. Energetics 4.1,4.2,4.3,4.4,4.5,4.6, 4.7 RP2 Equilibria 6.1,6.2,6.3,6.4,6.5,6.6 Redox reactions 7.1,7.2,7.3 Periodicity 8.1,8.2,8.3,8.4 Alkaline Earth Metals 9.1 Halogens 10.1,10.2,10.3, 10.4 RP4 Kinetics 5.1,5.2,5.3 RP3 Introduction to Organic 11.1,11.2,11.3 Alkanes 12.1,12.2,12.3, 12.4,12.5	Thermodynamics 17.1,17.2,17.3,17.4 Equilibrium constant (Kp) 19.1 Acids, bases and buffers 21.1,21.2,21.3,21.4, 21.5,21.6 RP9 Electrode potentials 20.1,20.2,20.3 RP8 Periodicity 22.1,22.2,22.3 The Transition Metals 23.1,23.2,23.3,23.4, 23.5 Reactions of Inorganic compounds 24.1,24.2,24.3 RP11 Nomenclature and isomerism 25.1,25.2,25.3 Aromatic Chemistry 27.1,27.2,27.3 Carbonyl compounds 26.1,26.2,26.3,26.4, 26.5 RP10a/10b Amines 28.1,28.2,28.3 Polymerisation 29.1

					Halogenoalkanes 13.1,13.2,13.3 Alkenes 14.1,14.2,14.3 Alcohols 15.1,15.2,15.3 RP5 Organic Analysis 16.1,16.2,16.3 RP6 Kinetics (A2) 18.1,18.2,18.3, 18.4 RP7a +7b	Amino acids and proteins 30.1,30.2,30.3,30.4, 30.5 Organic Synthesis 31.1,31.2 Structure determination and chromatography 32.1,32.2,32.3,33.1 RP12
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This sheet should be annotated as classes progress through their courses to ensure complete content coverage for those classes whose teacher(s) may change.