

Scope and Sequence Document for: Chemistry 10

Year:	10	Exam week for this course:	36 or 37
Tutor	Mrs Ann Humphreys	Last date for submission of internal exams:	
Tutor qualifications:	B Sc (Hons) Chemistry, Lancaster PGCE	IGCSE/A level Exam board & Specification: No:	Cambridge International (CIE) IGCSE Chemistry 0620
Resources required:	Cambridge IGCSE Chemistry, (2014), Earl & Wilford, ISBN 9781444176445, Hodder Murray; Basic Chemistry set.		

Module No.	NSW week No.	Week beginning Monday the:	Contents of study
1a	1	04/09/17	Basic Chemistry 1 – to include Acids & Alkalis, States of matter, Carbon Dioxide & Limestone
	2	11/09/17	
	3	18/09/17	Assignment 1a
1b	4	25/09/17	Basic Chemistry 2 – Mixtures & Separations, Atoms, molecules, Elements & Compounds
	5	02/10/17	
	6	09/10/17	Assignment 1b
2	7	16/10/17	Practical Considerations – Hazards & safety, Apparatus identification,
	8	23/10/17	Half Term
2	9	30/10/17	Practical Considerations – Hazards & safety, Apparatus Identification (Cont.)
	10	06/11/17	Assignment 2
3	11	13/11/17	Atomic Structure – Structure of an Atom, Chemical Formula & Equations, Periodic table, Group 7 & Group 0
	12	20/11/17	
	13	27/11/17	
	14	04/12/17	Assignment 3a
4	15	11/12/17	Chemical Bonding & Structures – Ionic bonding, Covalent bonding, Metallic bonding, Structures
	16	18/12/17	Christmas Holiday
	17	25/12/17	Christmas Holiday
	18	01/01/18	Christmas Holiday

4	19	08/01/18	Chemical Bonding & Structures – Ionic bonding, Covalent bonding, Metallic bonding, Structures (cont.)
	20	15/01/18	
	21	22/01/18	Assignment 4
5	22	29/01/18	Metals – Their reactivity, position in the Periodic table, Group 1, Extraction, Alloys, Uses & Prevention of Corrosion
	23	05/02/18	
	24	12/02/18	Half Term
5	25	19/02/18	Assignment 5
6	26	26/02/18	Chemical Maths – Relative Mass, The Mole, Empirical formulae, Calculations involving Equations, Molar Volumes of gases, % yield, % purity
	27	05/03/18	
	28	12/03/18	Assignment 6b
7	29	19/03/18	Acids, Bases & Salts – Acid theory, Neutralisation, Ionic equations, Salt Preparation & uses; Molar Solutions
	30	26/03/18	Easter Holiday
	31	02/04/18	Easter Holiday
	32	09/04/18	Easter Holiday
7	33	16/04/18	Acids, Bases & Salts – Acid theory, Neutralisation, Ionic equations, Salt Preparation & uses; Molar Solutions (Cont.)
	34	23/04/18	
	35	30/04/18	Assignment 7
	36	07/05/18	Revision
	37	14/05/18	Exam
8	38	21/05/18	Water – Water Purification, The Air, Oxygen, Oxides
	39	28/05/18	Half Term
8	40	04/06/18	Water – Water Purification, The Air, Oxygen, Oxides
	41	11/06/18	Assignment 8
9	42	18/06/18	Non-Metal Chemistry – Nitrogen, Haber Process, Sulphur
	43	25/06/18	Assignment 9