

Higher Chemistry 2022-23

Week No.	Week Beg.	Higher Chemistry	Homework guide
	06 Jun 22	Unit 1 - Chemical Changes and Structure: Controlling the rate	CCS HW 1-2 and personal study
	13 Jun 22	Collision Theory & Energy Distribution	
	20 Jun 22	Reaction Pathways and Catalysts	
	27 Jun 22	Rate Experiments H H H	
SUMMER BREAK			
1	15 Aug 22	IS IS Patterns of the Periodic Table / Periodicity	CCS HW 3-6 and personal study
2	22 Aug 22	Periodicity / Revision for Mid Unit Assessment	
3	29 Aug 22	<u>Mid Unit 1 Assessment /</u> -Types of Bonding and Intermolecular Forces	
4	05 Sep 22	Bonding and Structure - Properties of Bonding	
5	12 Sep 22	Properties of Bonding	
6	19 Sep 22	Revision for Unit 1 TEST H	
7	26 Sep 22	H <u>Unit 1 Assessment / Unit 3: Chemistry in Society:</u> Chem Ind, mole calc.	CiS HW 1-3 and personal study
8	03 Oct 22	Reacting Quantities and Excess	
9	10 Oct 22	Mass & Volume Calculations, % Yield, Atom Economy 1st Interim	
OCTOBER BREAK			
10	24 Oct 22	IS Reacting Quantities / Equilibrium	CiS HW 4-5 and personal study
11	31 Oct 22	Equilibrium / Revision for Mid Unit Assessment	
12	07 Nov 22	<u>Mid Unit 3 Assessment /</u> Enthalpy of combustion	
13	14 Nov 22	Bond enthalpy & Hess's Law	CiS HW 6-9 and personal study
14	21 Nov 22	Redox Reactions & Redox Titrations	
15	28 Nov 22	Chemical Analysis & Techniques and Revision	
16	05 Dec 22	Revision for FULL UNIT 3 Assessment	
17	12 Dec 22	<u>Full Unit 3 Assessment / Unit 2 - Nature's Chemistry:</u> Systematic Carbon Chem	
18	19 Dec 22	Naming Alcohols & Types of Alcohols	NC HW 1 and personal study
CHRISTMAS BREAK			
19	02 Jan 23	H H H Naming Alcohols & Types of Alcohols	Prelim preparation
20	09 Jan 23	Prelim Revision Full report	
21	16 Jan 23	S5/6 PRELIMS	
22	23 Jan 23	S5/6 PRELIMS	
23	30 Jan 23	Oxidation of Alcohols, Carboxylic Acids	NC HW 2-6 and personal study
24	06 Feb 23	Esters, Fats and Oils IS	
25	13 Feb 23	H H Proteins Parents' Eve	
26	20 Feb 23	Soaps, Detergents and Emulsions	
27	27 Feb 23	Fragrances and Skin care / Revision for FULL UNIT 2 Assessment	
28	06 Mar 23	<u>Full Unit 2 Assessment /</u> Prelim Review	
29	13 Mar 23	Unit 4: Researching Chemistry	
30	20 Mar 23	2nd Interim Exam Preparation	
31	27 Mar 23	Exam Preparation	Exam preparation
SPRING BREAK			
32	17 Apr 23	Exam Preparation	Exam preparation
33	24 Apr 23		
34	01 May 23	H IS	
35	08 May 23	Chemistry exam - Friday 12th May (9am)	
36	15 May 23		
37	22 May 23	H	

*All pupils receive one piece of written homework per week which will be teacher marked.
In addition, pupils are expected to study regularly in preparation for class tests.*