

Advanced Higher Chemistry Timeline 2024-25

Week No.	Week Beg.	Key Areas and Assessments				Homework guide	
38	03 Jun 24	UNIT 1 - INORGANIC CHEMISTRY / EM Radiation					
39	10 Jun 24	Electronic configuration / Quantum numbers					
40	17 Jun 24	Ionisation Energy / Blocks of the Periodic Table					
41	24 Jun 24	VSEPR Theory		H	H		
SUMMER BREAK							
1	12 Aug 24	IS	IS	Transition metals / Oxidation states		HW 1&2	
2	19 Aug 24	Transition metals complexes - colour / catalysis					
3	26 Aug 24	Unit 1 Test / UNIT 2 - PHYSICAL CHEMISTRY / Equilibrium constant					
4	02 Sep 24	Equilibrium constant / Equilibrium of acids and bases					
5	09 Sep 24	pH salts / buffers / indicators					
6	16 Sep 24	Thermodynamics - Enthalpy / entropy					
7	23 Sep 24	Thermo dynamics - Gibbs free energy / Kinetics			H		
8	30 Sep 24	H	Kinetics				
9	07 Oct 24	Unit 2 - Test / Unit 3 ORGANIC CHEMISTRY AND INSTRUMENTAL ANALYSIS			IS		
OCTOBER BREAK							
10	21 Oct 24	Hybridisation & bonding / chromophores / skeletal structures					
11	28 Oct 24	Synthesis: alkanes / alkenes					
12	04 Nov 24	Synthesis: haloalkanes / alcohols			Full report		
13	11 Nov 24	Synthesis: Ethers / Carboxylic acids					
14	18 Nov 24	Unit 3 - Mid Test / Synthesis: Amines / Aromatics					
15	25 Nov 24	Chemical Analysis: Elemental anaylsis / Mass spec / IR					
16	02 Dec 24	Chemical analysis: NMR					
17	09 Dec 24	Medicinal chemistry					
18	16 Dec 24	Unit 3 - End Test / Prelim revision					
CHRISTMAS BREAK							
19	06 Jan 25	Prelim Revision				Prelim preparation	
20	13 Jan 25	S5/6 PRELIMS					
21	20 Jan 25	S5/6 PRELIMS					
22	27 Jan 25	UNIT 4 - RESEARCHING CHEMISTRY Colorimtery / Standardisation / Complexometric					
23	03 Feb 25	Gravimetric Analysis / Back titration					
24	10 Feb 25	Back titration / dilutions / ppm calculations			1st Interim		
25	17 Feb 25	H	H	IS	Back titration / dilutions / ppm calculations		PROJECT RESEARCH and WRITE UP
26	24 Feb 25	PROJECT / Key steps in laboratory synthesis: Reflux / Recrystallisation / Melting point					
27	03 Mar 25	PROJECT / Key steps in laboratory synthesis: TLC / solvent extraction / distillation					
28	10 Mar 25	PROJECT					
29	17 Mar 25	PROJECT / Unit 4 Test				Exam preparation	
30	24 Mar 25	2nd Interim	PROJECT / Exam Preparation				
31	31 Mar 25	Exam Preparation					
SPRING BREAK							
32	21 Apr 25	H	Exam Preparation			Exam preparation	
33	28 Apr 25	SQA Chemistry Exam - Thursday 1st May (AM)					
34	05 May 25	H	IS				
35	12 May 25						
36	19 May 25				H		
37	26 May 25	H					
38	02 Jun 25						
39	09 Jun 25						