

Grange Academy

Senior Phase Assessment Overview

2024-25

ADVANCED HIGHER CHEMISTRY



Week/Month	Learning Focus	Homework	Assessment	Coursework Submitted to SQA
03/06/24	Researching Chemistry			
10/06/24	Practical Skills/Techniques			
17/06/24	Researching Chemistry	ppm H/W		
24/06/24	Practical Skills/Techniques	em H/W		
19/08/24	Intro to em spectrum	Orbitals HW		
21/08/24	e/m calculations. Emission spectra/orbitals	TM1 HW		
26/08/24	Shapes of molecules	TM 2HW		
02/09/24	Transition metals	Revision/past papers		
09/09/24	ligands	Stoichiometry1 HW		
16/09/24	Transition Metal colour	Stoichiometry2 HW		
23/09/24		em H/W	SEPT. ASSESSMENT	
30/09/24	UV spectroscopy stoichiometry: revision. calc from eqn/% yield	Orbitals HW		
07/10/24	titrations: acid/redox/complexometric		Class assessment on whole of Unit 1	
21/10/24	equilibria [expressions/factors]	Equilibria HW		
28/10/24	equil calculations. ionic product of water/acid/base			
04/11/24	strong acid/base. pH/pKa calculations buffers/indicators	acids HW		

11/11/24	consolidate equilibria	Equilibria2 HW		
18/11/24	entropy	entropy HW		
25/11/24	kinetics: rate law, units, order	Revision	Class assessment on whole of Unit 2	
December	PRELIM: Partial paper – covers 50% of the course.			
02/12/24	Researching Chemistry			
09/12/24				
16/12/24				
06/01/25	Skeletal formula/intro to synthesis			
13/01/25	project			Sent to SQA – worth 25% of final grade.
20/01/25	project	3.1 HW		
27/01/25	project	3.2 HW		
03/02/25	pharmaceutical chemistry	3.3/3.4 HW		PROJECT 1ST FULL DRAFT
10/02/25	Organic Chemistry introduction			
17/02/25	Isomers	3.5/3.6 HW		
24/02/25	hybridisation	3.7 HW		
03/03/25	Prep + reactions of alkenes	3.8 HW		
10/03/25	Prep + reactions of haloalkanes. Prep + reactions of alcohols/ethers	Past Papers		
17/03/25	Prep + reactions of acids. Prep + reactions of aldehydes/ket	Course revision		
24/03/25	Prep + reactions of amines/benzene. Spectroscopy/chromophores	Course revision		
31/03/25	Course Revision	Course revision	Catch-up Unit Assessments	
21/04/25	Targeted Revision	Course revision		