

3 Chemistry Year Planner 2024 (Thermochemistry External Only)

Term/Wk	Date	Topic	Detail	Assessment
1/1	31 Jan-4 Feb	Getting to Know You/Relationship Building		
1/2	5-11 Feb			
1/3	12-18 Feb	Redox	Revise Level 2 Redox	
1/4	19-25 Feb			
1/5	26 Feb-3 Mar		Electrolytic Cells	
1/6	4-10 Mar			
1/7	11-17 Mar			AS 91393 (Electrolytic Section)
1/8	18-24 Mar		Galvanic Cells	
1/9	25-28 Mar			
1/10	3-7 Apr		Comparison	AS 91393 (Galvanic Section)
1/11	8-14 Apr	Spec & Organic	Intro to Organic Chemistry: Naming	AS 91393 Comparison Section (E Only)
Term 1 Break				
2/1	29 Apr-5 May	Spec & Organic	Isomers	
2/2	6-12 May	Spec	IR Spectra & Mass Spec (Molecular Ion)	
2/3	13-19 May		¹ H-NMR	
2/4	20-26 May		Mass Spec (Fragments)	'A' Requirements for AS 913988
2/5	27 May-2 Jun		Combining Spectrums	
2/6	4-9 Jun		Practice Assessment & Feedback	
2/7	10-16 Jun	Chemical Processes	Equilibrium	AS 91388
2/8	17-23 Jun		Ocean Acidification	
2/9	24-27 Jun	Self-Directed Learning	Students use this time to either work in AS 91389/91411 (Ocean Acidification Internal) or get ahead on AS 91390 (Thermochemistry External)	'A' Requirements for AS 91389/91411
2/10	1-5 Jul			
Term 2 Break				
3/1	22-28 Jul	Cont. Self-Directed Learning	Students use this time to either work in AS 91389/91411 (Ocean Acidification Essay Internal) or get ahead on AS 91390 (Thermochemistry External)	
3/2	29 Jul-4 Aug			
3/3	5-11 Aug			
3/4	12-18 Aug			
3/5	19-25 Aug	Thermochemistry	Electron Configuration	
3/6	26 Aug-1 Sep		Periodic Table Trends	
3/7	2-8 Sep		Lewis Structures & Shapes	Quiz: Periodic Table Trends
3/8	9-15 Sep		Polarity & Attractive Forces	Quiz: Lewis Structure & Shapes
3/9	16-22 Sep		Enthalpy	Quiz: Polarity & Attractive Forces
3/10	23-27 Sep			Quiz: Enthalpy

				AS 91389/91411 Draft
Term 3 Break (Tutorials Available)				
4/1	14-20 Oct		Derived Grade Exams	AS 91390
4/2	21-27 Oct		Revision	
4/3	29-31 Oct		Prizegiving	
4/4	4-8 Nov		NCEA exams begin 5 Nov	Level 3 Chemistry Exam - Friday, November 8th at 9:30 am
4/5	11-15 Nov			
4/6	18-22 Nov			AS 91389/91411 Final Draft

* During Term 2, Week 9 students will start their individualizing learning plans. Students need to choose if they want to do an external or keep with an internal only course. If students want to do the internal only course, they have to be mindful that they will no longer have a “pure” science which some competitive university courses require. However, Level 3 Science is still a university approved subject. Students that want to take an external need to decide if they want to do organic, thermochemistry or both. Students wanting to sit both exams need to show they can pass organic chemistry before moving onto thermochemistry.

Note: Students need to pass at least one external to get 14 credits in Level 3 Chemistry, thus allowing it to count as an UE approved subject. If students are concerned they might not pass an external and are not taking additional science courses, they are highly encouraged to add AS 91412 Earth and Space Science 3.3 Internal so a Level 3 Science course can be created instead, which is also an UE approved subject.