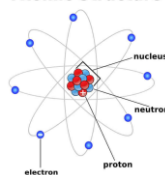


A-Level Chemistry

Atomic Structure



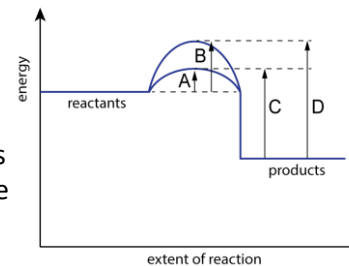
- 1. Atomic Structure (NC)
- 2. Amount of Substance (MA)
- 3. Bonding (JP)



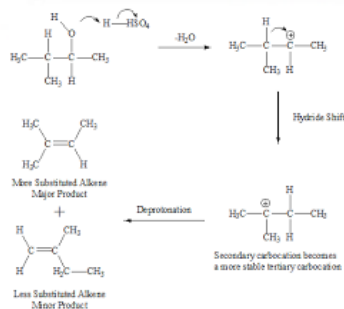
- 4. Required Practical's Nos.1, 2 & 4



Assessment Window
Based on the topics covered by all three teachers.



- 5. Energetics (MA)
- 6. Equilibria (JP)
- 7. Periodicity, Group 2 & 7 Chemistry (NC)



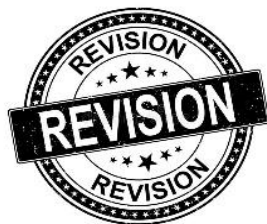
- 12. Alkenes (MA)
- 13. Alcohols (NC)
- Required Practical's no.3, 5 & 6
- 14. Organic Analysis (JP)

ALKENE	CARBON NUMBER	FORMULA	STRUCTURE
ETHENE	2	C ₂ H ₄	
PROPENE	3	C ₃ H ₆	
BUTENE	4	C ₄ H ₈	
PENTENE	5	C ₅ H ₁₀	
HEXENE	6	C ₆ H ₁₂	

- 9. Introduction to Organic Chemistry. (MA)
- 10. Alkanes (JP)
- 11. Haloalkanes (NC)



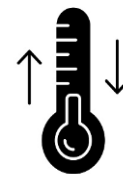
8. Mock Exam paper.
Based on the topics covered by all three teachers.



15. Revision
Revision of content taught since September.

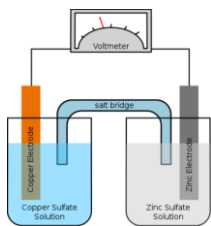


Assessment Window
16. Mock Exams.
May/June
AS papers 1 and 2.



THERMODYNAMICS

- Beginning Year 13 content
- 17. Period 3 Elements (MA)
 - 18. Thermodynamics (JP)
 - 19. Isomerism & Carbonyl Chemistry (NC)

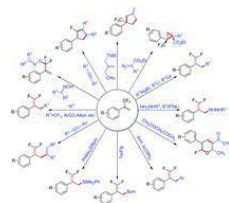
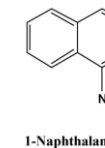
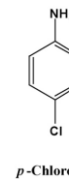
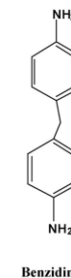


1. Electrode Potentials & Cells (JP)
2. Thermodynamics (MA)
3. Year 12 Organic Chemistry refresh (NC)



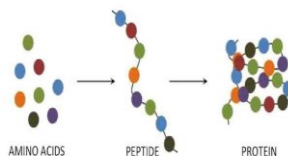
4. Transition Metals & Inorganic Compounds (JP)
5. Acids, Bases & pH (JP)
6. Isomerism & Carbonyl Compounds (NC)

7. Aromatic compounds & Amines (MA)
8. Required Practical's 8 & 10 (MA)



12. ALL NMR Spectroscopy (JP)
13. Organic Synthesis (NC)
14. Chromatography & Required Practical's 9, 11 & 12 (MA)

Amino acids and Proteins



9. Amino Acids, Proteins & DNA (NC)
10. Polymers (MA)
11. Rate Equations & Kp (JP)



**Assessment Window
Mock Exam PAPER 1.**
Based on the topics covered by all three teachers.



**Assessment Window
Mock Exams
PAPERS 1 & 2.**
Based on the topics covered by all three teachers.



15. Revision
Revision of all content for A-Level exams



**16. A-Level Exams
PAPERS 1, 2 & 3**