



SESSION 28- 29

- 28. Revision and Exam Top Picks
- 29. Key Calculations Revision

SESSION 24-27

- 24. Unit 4 - pH
- 25. Unit 4 - Water
- 26. Unit 4 - Electrochemistry
- 27. Option: Industrial and Atmospheric Chemistry

SESSION 19-23

- 19. Unit 2 - Organic Chemistry 3: Thermochemistry
- 20. Unit 2 - Organic Chemistry 4: Functional Groups
- 21. Unit 2 - Organic Chemistry 5: Organic Synthesis 1 (Addition and Substitution reactions, Elimination, Redox, Polymers, Chromatography)
- 22. Unit 4 - Rates of Reaction
- 23. Unit 4 - Equilibrium

SESSION 1-4

- 1. Unit 1 - Bohr's Theory and Orbitals
- 2. Unit 1 - Periodic Table 1: Modern vs Mendeleev, Isotopes, RAM, Mass Spectrometer
- 3. Unit 1 - Bonding 1: Ionic, Covalent, Writing Chemical Formulae, VSEPR
- 4. Unit 1 - Bonding 2: Electronegativity, Predicting Which Type of Bonding, and Intermolecular Forces

SESSION 5 - 9

- 5. Unit 1 - Periodic Table 2: Trends
- 6. Unit 1 - Radioactivity
- 7. Unit 1 - History of the Atom and Testing for Anions
- 8. Unit 3 - Moles 1: Moles, Molecules, Empirical Formula
- 9. Unit 3 - Moles 2: Calculating Mass of Reactants/Products, and the Limiting Reagent



CHEMISTRY

6TH YEAR

SESSION 15 -18

- 15. Unit 3 - Oxidation and Reduction
- 16. Unit 3 - Volumetric Analysis 2: Redox Reactions
- 17. Unit 2 - Organic Chemistry 1: Hydrocarbons
- 18. Unit 2 - Organic Chemistry 2: Fuels, Fractional Distillation and Octane Number

SESSION 10 - 14

- 10. Unit 3 - Gas Laws 1: Theory
- 11. Unit 3 - Gas Laws 2: Calculations
- 12. Unit 3 - Acids and Bases
- 13. Unit 3 - Volumetric Analysis 1: Calculating Concentration
- 14. Unit 3 - Volumetric Analysis 1: Titration Calculations for Acid-Base Reactions