

Chemistry Scheme of Work (SS1 – SS3)

This scheme of work provides a structured outline of major chemistry topics for Senior Secondary School students (SS1–SS3). It is designed to guide teaching and learning in preparation for internal and external examinations.

Class	Term	Major Topics
SS1	1st Term	Introduction to Chemistry Laboratory Safety and Apparatus Separation Techniques Particulate Nature of Matter Atomic Structure Periodic Table and Periodicity
SS1	2nd Term	Chemical Bonding Valency and Oxidation Number Chemical Formulae and Equations Mole Concept Stoichiometry
SS1	3rd Term	Acids, Bases and Salts Water and Its Properties Air and Combustion Carbon and its Compounds (Intro)
SS2	1st Term	Gas Laws Kinetic Theory of Matter Energetics (Thermochemistry) Rates of Chemical Reactions
SS2	2nd Term	Chemical Equilibrium Electrolysis Redox Reactions Electrochemical Cells
SS2	3rd Term	Organic Chemistry (Alkanes, Alkenes, Alkynes) Petroleum and Petrochemicals Polymers Environmental Chemistry
SS3	1st Term	Revision of Physical Chemistry Revision of Organic Chemistry Revision of Inorganic Chemistry Qualitative Analysis
SS3	2nd Term	Past Questions and Examination Practice Quantitative Analysis Preparation for WAEC/NECO
SS3	3rd Term	Final Revision Mock Examinations Practical Chemistry Preparation