

Week Beginning	Revision Topic
2 nd March	Atomic Structure and Electronic Configuration Amount of substance including required practical 1 (Making a standard solution and titration method)
9 th March	Bonding, Periodicity, Group 2 and Group 7 including required practical 4 (Identification tests for aqueous cations and anions) Period 3 and their oxides
16 th March	Kinetics including required practical 3 (effect of temp on rate) Chemical equilibria, K_c , K_p and Le Chatelier's Principle, Rate equations and orders of reactions, homogeneous catalysts (required practical: initial rate method and continuous method of monitoring rates)
23 rd March	Energetics (Hess's Law, etc) including required practical 2 (measuring an enthalpy change – using Hess to solve). Thermodynamics
30 th March	Acids, Bases and Buffers, Oxidation, reduction and redox equations (including required practical pH changes) Electrode Potentials and Fuels Cells (including EMF measuring practical)
6 th April	Transition metals plus reactions of aqueous ions including required practical test tube tests for ions and their colour changes
13 th April	Organic Chemistry intro / nomenclature / skeletal structures / isomers, Optical isomers, etc
20 th April	Alkanes and their reactions (including mechanisms and synthesis) Haloalkanes and their reactions (including mechanisms and synthesis) Alkenes and their reactions (including mechanisms and synthesis)
27 th April	Alcohols and their reactions (including mechanisms and synthesis) including required practical 5 (Distillation of a product from a reaction)
4 th May	Aldehydes, ketones, carboxylic acids
11 th May	Organic analysis including required practical 6 (tests for functional groups – alcohol, aldehyde, alkene and carboxylic acid) and organic synthesis (including required practical preparation of an organic solid and liquid)
18 th May	Aromatic chemistry, Amines, polymers, amino acids, proteins and DNA
25 th May	NMR, Mass spec, IR, Chromatography (including TLC required practical)

1 st June	Required practical's
8 th June	Any remaining sections.