

A-LEVEL CHEMISTRY LEARNING JOURNEY

EXAMS

Reactions of Period 3 Elements and their Oxides



Thermodynamics

Required Practical 8

Electrode potentials and electrochemical cells

Required Practical 11

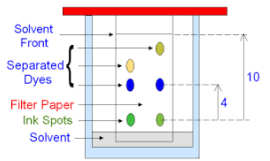


Acids and Bases

Required Practical 12



Chromatography



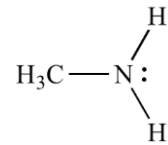
Amino Acids, Proteins and DNA



Transition metals & Reactions of inorganic aqueous ions

Required Practical 9

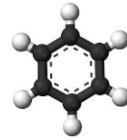
Organic Synthesis and Analysis



Amines

Required Practical 10

Carbonyl compounds – aldehydes & ketones, carboxylic acids, esters
Acyl chlorides and acid anhydrides

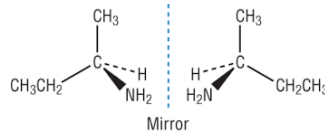


Polymers

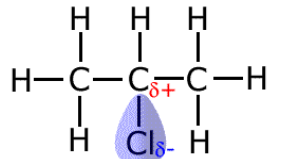
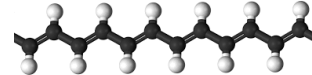
Equilibria and K_p

Required Practical 7

Optical Isomerism



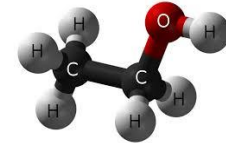
Benzene



Rate Equations

Required Practical 5 & 6

Alcohols



Halogenoalkanes



Year 13



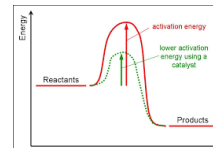
Required Practical 4

Group 2 – The Alkaline Earth Metals



Organic Analysis

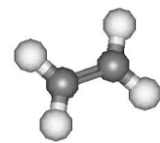
Required Practical 2



Kinetics

Required Practical 3

Alkenes



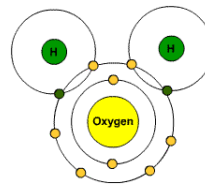
Introduction to Organic Chemistry and Alkanes

Group 7 – The Halogens



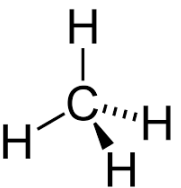
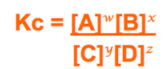
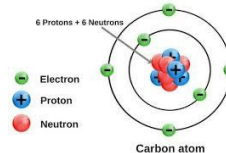
Energetics

Required Practical 1



Bonding

Equilibria and K_c

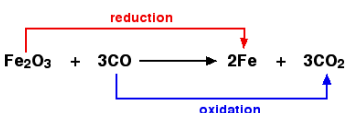


Periodicity



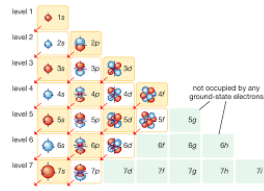
Year 12

Redox Reactions



Periodic Table of the Elements

Amount of Substance



Atomic Structure

