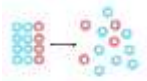


# A-LEVEL CHEMISTRY LEARNING JOURNEY

EXAMS

Reactions of Period 3 Elements and their Oxides



Electrode potentials and electrochemical cells

Required Practical 11

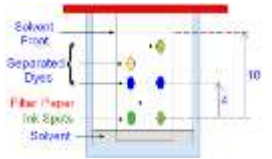


Acids and Bases

Required Practical 12



Chromatography



Amino Acids, Proteins and DNA



Polymers



Periodicity



Alcohols

Year 12

Energetics

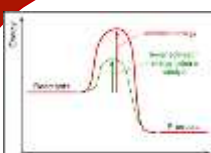
Required Practical 4

Group 7 – The Halogens

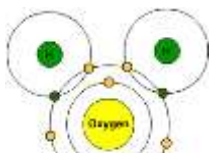


Required Practical 1

Bonding



Kinetics

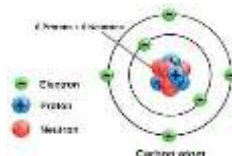


Introduction to Organic Chemistry and Alkanes



Required Practical 3

Amount of Substance

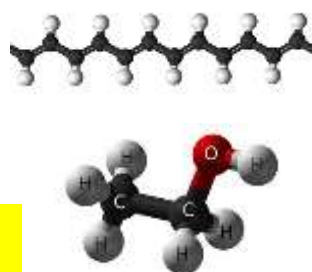


Atomic Structure

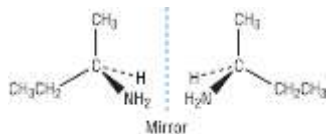
Year 13

Organic Analysis

Required Practical 5 & 6



Benzene



Optical Isomerism

Thermodynamics

Required Practical 7

Rate Equations

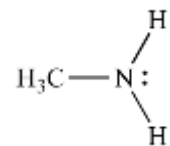
Equilibria and  $K_p$

Required Practical 10

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

Required Practical 9

Organic Synthesis and Analysis



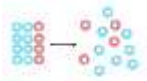
Amines

Transition metals & Reactions of inorganic aqueous ions

Required Practical 8

Electrode potentials and electrochemical cells

Reactions of Period 3 Elements and their Oxides



Required Practical 7

Rate Equations

Equilibria and  $K_p$

Required Practical 10

Carbonyl compounds

Organic Synthesis and Analysis

Amines

Transition metals & Reactions of inorganic aqueous ions

Electrode potentials and electrochemical cells

Reactions of Period 3 Elements and their Oxides