AQA A-Level Chemistry Learning Journey

FAIRFAX SINCERITAS LABORIS

Year 12

Atomic Structure

Amount of substance

PA1

Bonding

Energetics

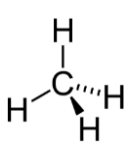
PA2

PA3

Kinetics

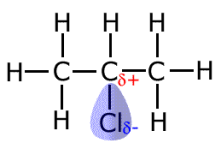


Intro to organic



Alkanes

Halogenoalkanes



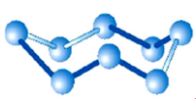
Equilibria and Kc

$K_c = \frac{[C]^c [D]^d}{[A]^a [B]^b}$

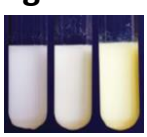
REDOX

Periodicity





Group 7 - Halogens



PA4

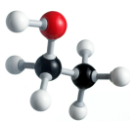
Group 2 – Alkaline Earth Metals



Alkenes

PA5

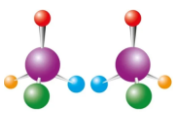
Alcohols



PA6

Organic analysis

Optical isomerism



Year 13

Rate equations

PA7

Equilibrium constant Kp

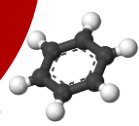
PA8

Aldehydes and ketones

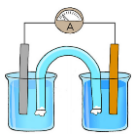
Carboxylic acids

PA10

Aromatics

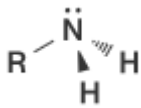


Electrode potentials



Acids, bases and buffers

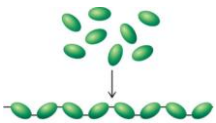
Amines



PA9

Organic synthesis

Polymers



Thermodynamics

Amino acids, Proteins and DNA



Transition metals

NMR

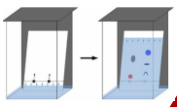
PA11

Reactions of ions in aqueous solutions

Period 3 elements and their oxides

PA12

Chromatography



Exams