OUR LEARNING JOURNEY

YEAR 13

Term 1.2

Physical 3.1.9 Rate equations
Organic 3.3.7 Optical isomerism
3.3.8 Aldehydes & ketones
3.3.10 Aromatic
Organic 3.3.11 Amines
3.3.12 Polymerisation

Term 1.1

Physical 3.1.5 Kinetics
Organic 3.3.1 Introduction to Organic Chemistry
3.3.2 Alkanes
Organic 3.3.3 Halogenoalkanes
3.3.4 Alkenes
Organic 3.3.5 Alcohols
3.3.6 Analysis

Term 2.2

3.3.14 Organic Synthesis & Revision & Review

Term 2.1

Organic 3.3.9 Carboxylic acid derivatives.
Organic 3.3.13 Amino acids & DNA
Organic 3.3.15 NMR spectroscopy
3.3.16 Chromatography

Term 3.2

Final Examinations

Term 3.1

Exam Preparation & Revision

YEAR 12

Term 1.2

3.1 Biological Molecules II
Physical 3.1.4 Energetics
Physical 3.1.6 Equilibria
Physical 3.1.7 REDOX
Inorganic 3.2.1 Periodicity

Term 2.2

Physical 3.1.8 Thermodynamics
Physical 3.1.10 Equilibrium constant, Kp
Physical 3.1.11 Electrode potential and electrochemical cells

Term 3.2

Inorganic 3.2.6 Reactions of inorganic compounds in aqueous solutions.

Term 1.1

Transition from GCSE
Physical 3.1 Atomic structure
Physical 3.1.2 Amount of Substance
Physical 3.1.3 Bonding

Term 2.1

Inorganic 3.2.2 Group 2 elements
Inorganic 3.2.3 Group 7
Inorganic 3.2.4 Period 3

Term 3.1

Physical 3.1.12 Acids, bases and buffers
Inorganic 3.2.5 Transition metals

St John Henry Newman Catholic School