Science Faculty: Chemistry Learning Journey

YEAR 13

- Take a gap year, travel the w orld and embrace new cultures
- Go to university to enhance your studies and get a degree
- Start a degree level apprenticeship
- Consider summer internship and voluntary w ork to enhance your learning
- Further Synthesis and Analysis
- Polymers, Amino acids, Proteins and DNA
- Isomers, Carbonyl Compounds, Aromatics and Amines
- Period 3 Elements and Transition Metals
- Acids, Bases and pH
- Electrode Potentials and Cells
- Rate Equation and Kp
- Thermodynamics
- Organic Analysis
- Alkanes and Halogenoalkanes
- Alkenes and Alcohols
- Introduction into Organic Chemistry
- Group 2 and 7 Elements
- Periodicity
- Equilibria and Redox Reactions
- Kinetics
- Energetics
- Bonding
- Amount of Substance
- Atomic Structure

YEAR 12

- Linking concepts
- Practical skills Revision
- Energy Revision
- Rates Revision
- Substances Bonding revision
- Periodic Table revision
- Chemical Lifecycles
- Water as a resource
- Electrolysis
- Reversible Reactions

YEAR 11

- Rates graphs
- Rates practical skills
- Covalent Bonding
- Ionic Bonding
- Properties and structures
- Metallic Bonding
- Energy
- Equations
- Rates Temperature
- Rates Concentration

YEAR 10

- Crude Oil
- Gases
- The Earth
- Crude Oil
- Reactivity of Acids
- Purity of Substances
- Periodic Table
- Metals
- Atomic Structure

YEAR 9

- 8-10
- 8-1
- 8-2
- 8-3
- 8-4
- 8-5
- 8-6
- 8-7
- 8-8
- 8-9

YEAR 8

- 7-10
- 7-9
- 7-8
- 7-7
- 7-6
- 7-5
- 7-4
- 7-3
- 7-2
- 7-1

YEAR 7

The Fisher Way aims to educate and inspire with joy, faith and love because we are an inclusive Catholic community.

Successful and Resilient Learners, Confident Individuals and Responsible Citizens