Combined Science and Triple content

Triple only content

1. Life Cycle Assessments

2. Potable Water

4. NPK Fertilisers and the Haber Process

Topic 10 - Using Resources

GCSE Exams

3. Atmospheric Pollution

Topic 9 - Chemistry of the Atmosphere

3. Using Materials

2. Reversible Reactions and Dynamic Equilibrium

2. Greenhouse Gases

Topic 6 - Rate and Extent of Chemical Change

1.Calculating Rates of Reaction

1. Composition of the Earth's Atmosphere

1. Conservation of Mass and Balanced Equations

Year 11

2. Chemical Cells

1. Exo and Endothermic Reactions

5. Molar Gas Volume Calculations

Topic 5 - Energy Changes

Topic 3 - Quantitative Chemistry

4. Concentration Calculations

3. Electrolysis

2. Molar Mass Calculations

3.Atom Economy and Percentage Yield Calculations

Topic 4 - Chemical Changes

2. Reactions of Alkenes and Alcohols

2. Reactions of Acids

1. Crude Oil and Hydrocarbons

Topic 7 - Organic Chemistry

1. Reactivity of Metals

3. Polymers

Topic 8 - Chemical Analysis

1. Cation and Anion Tests

3. Allotropes of Carbon

1. Chemical Bonds

Topic 2 - Structure, Bonding and the Properties of Matter

4. Nanoparticles

Year 10

2. Properties of Matter

2. The Periodic Table

1. Purity, Formulations and Chromatography

Topic 8 - Chemical Analysis

Topic 1 - Atomic Structure and the Periodic Table

Year 9

3. The Transition Metals

1. The Atomic Model