



IRVINE ROYAL ACADEMY

Ambition • Respect • Responsibility

Over view of work February to April 2021

S3-6 Chemistry

NOTES	February	March	April
S3 Chemistry	Unit 2 Focus- Carbohydrates. Structure, uses and testing for starch/Glucose. If online materials will be power point, worksheet and research tasks. Recorded video of practical work as appropriate	Unit 3 Focus- metals and alloys. Extraction from the Earth, uses and disadvantages.	Unit 3 Focus- Plastics, Fertilisers and Nuclear chemistry.
S4 National 4	Unit 3 Everyday Chemistry.	Unit 3 Everyday Chemistry.	Unit 2

	<p>Focus on Metals, alloys and their uses in our everyday life.</p> <p>If online materials will be power point, worksheet and research tasks. Recorded video of practical work will be uploaded to google class as appropriate.</p>	<p>Focus on plastics, Fertilisers and Nuclear Chemistry.</p> <p>If online materials will be power point, worksheet and research tasks. Recorded video of practical work will be uploaded to google class as appropriate.</p>	<p>Fractional distillation, Hydrocarbons, Alkanes and Alkenes.</p> <p>If online materials will be power point, worksheet and research tasks. Recorded video of practical work will be uploaded to google class as appropriate</p>
S4 National 5	<p>Unit 3</p> <p>Polymers and Nuclear Chemistry.</p>	<p>Unit 2</p> <p>Hydrocarbons, alkanes, alkenes and cycloalkanes. Naming branched hydrocarbons.</p> <p>Energy from fuels.</p>	<p>Unit 2</p> <p>Alcohols and Carboxylic Acids. Naming, drawing structure and describing uses of these products.</p>
Higher	<p>Unit 2 Natures Chemistry.</p> <p>Focus- Hydrocarbons, Alcohols and Carboxylic Acids. Systematic naming and properties related to bonding.</p>	<p>Unit 2</p> <p>Focus- Esters, fats and oils. Systematic naming and properties related to bonding.</p> <p>Hydrolysis of esters fats and oils. Uses of esters.</p> <p>Focus- Soaps, detergents and emulsions. Creation and uses of each.</p>	<p>Unit 3</p> <p>Focus-</p>
