



EPCHS SCIENCE DEPARTMENT:

CHEMISTRY LEARNING JOURNEY YEAR 13



Additional Information

Examination Board: AQA

Further Information:

<https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-7404-7405-SP-2015.PDF>

Additional Support: Masterclass; Thursdays 3pm – 4pm

www.chemguide.co.uk

Units

Unit 1 - Physical Chemistry

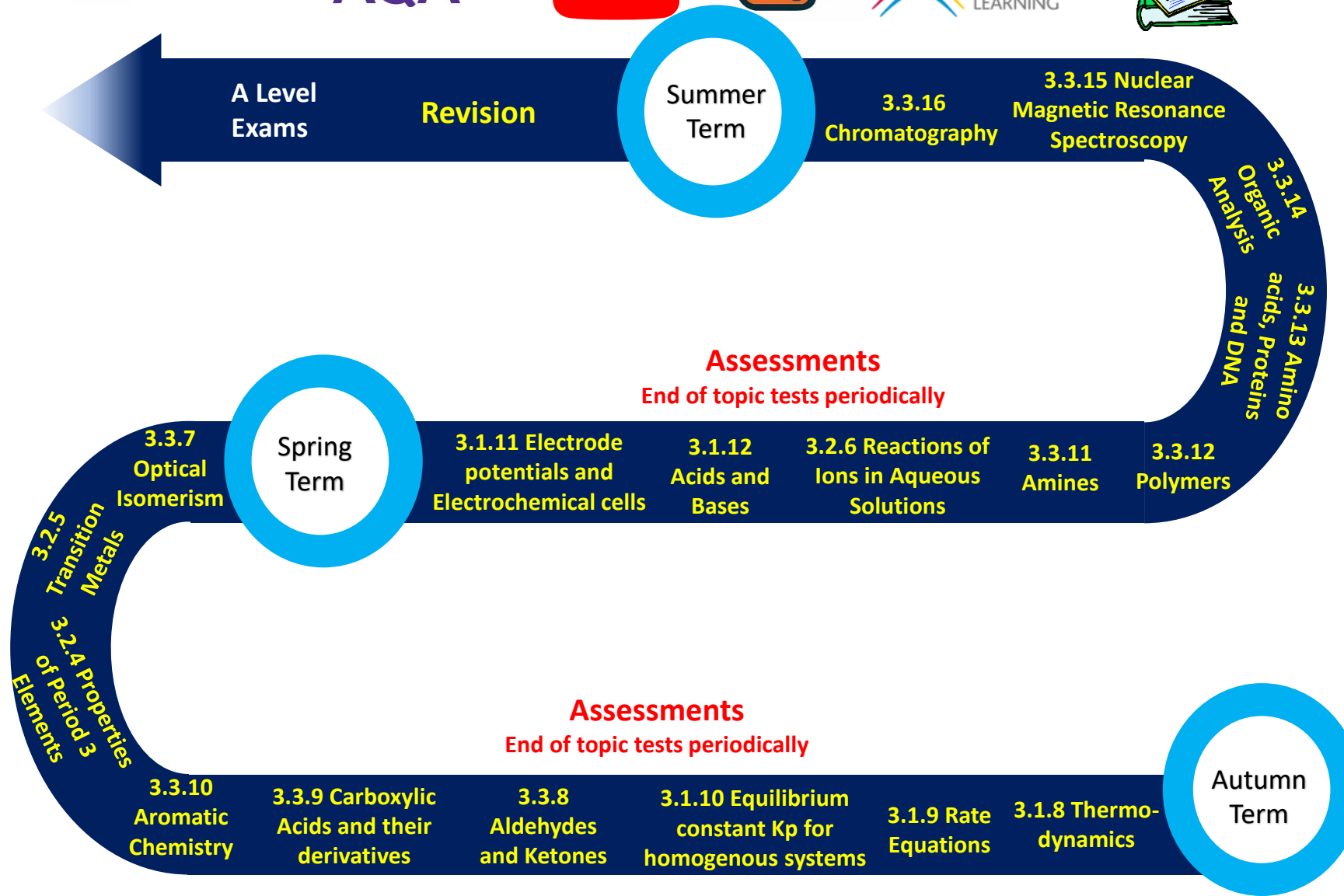
Thermodynamics, Rate Equation, Acids and Bases, Electrode Potentials and Electrochemical Cells, The Equilibrium Constant.

Unit 2 - Inorganic Chemistry

Transition Metals, Reactions of Ions in Aqueous Solutions, Properties of Period 3 Elements and their Oxides

Unit 3 – Organic Chemistry

Optical Isomerism, Aldehydes and Ketones, Aromatic Chemistry, Amines, Polymers, Carboxylic Acids and Derivatives, Amino acids, Proteins and DNA, Organic Synthesis, NMR Spectroscopy, Chromatography



Spring Term

Assessments

End of topic tests periodically

Autumn Term

Assessments

End of topic tests periodically