

Subject	Chemistry SSL & CKE
Paper	Paper 1: Inorganic and physical Chemistry Paper 2: Organic and Physical Chemistry Paper 3 See paper breakdown of spec for topics/teacher
Work/skills/activities being covered in lesson leading to exams	<ul style="list-style-type: none"> <p>• Week 1 (24th Feb) Still continuing with new content: U4 S2 Rate equations and K_p – Rate equations and rate determining step EOTT for Acids and bases either wk 1 or 2 Still continuing with new content: Variable oxidation states and transition metal catalysts</p> <p>• Week 2 (3rd March) Still continuing with new content: U4 S2 Rate equations and K_p – RP and Arrhenius equation New content: Ions in aqueous solution</p> <p>• Week 3 (10th March) Still continuing with new content: U4 S2 Rate equations and K_p – Arrhenius equation and Gas equilibria New content: RP identifying ions</p> <p>• Week 4 (17th March) Still continuing with new content: U4 S2 Rate equations and K_p – K_p Transition metal EOTT</p> <p>• Week 5 (24th March) Revision - Unit 1 Section 3 Shapes of molecules Unit 3 Section 2 Synthesis of Chloroalkanes and associated equations Unit 1 Section 1 Atomic structure</p> <p>• Week 6 (31st March) Revision – Unit 6 Section 4 Amino acids, proteins and DNA practice exam questions Unit 1 Section 4 Energetics</p> <p>• Week 7 (21st April) Revision – Unit 6 Section 1 Isomerism, acyl chlorides and acid anhydrides exam question practice No CKE lesson (Easter Monday)</p> <p>• Week 8 (28th April) Revision - Unit 6 Section 2 Reactions of Amines & amides consolidation and practice exam questions U3 Section 4 Testing for functional groups exam practice Unit 4 Section 1 Thermodynamics</p> <p>• Week 9 (5th May) Revision - Unit 3 Section 4 Mass Spectrometry practice exam questions Unit 6 Section 5 NMR practice exam questions No CKE lesson (Bank holiday Monday)</p> <p>• Week 10 (12th May) Revision - Unit 6 Section 5 Organic synthesis consolidation and practice exam questions Unit 4 Section 3 Electrochemical cells</p>

<p>Areas to revise as a priority leading to exams</p>	<ul style="list-style-type: none"> • Practical skills exam questions – See Physics and Maths tutor • Re-write and practice all equations from amount of substance topic, Hess's Law, measuring enthalpy changes, enthalpies & entropy, free energy change, The Arrhenius equation, acids, bases and pH.
<p>Suggested methods of revision</p>	<ul style="list-style-type: none"> • Use Mechanisms booklet given out and re-write onto flashcards. Practice. Split into the different types in order to recognise patterns. • Going over past mocks and notes from Year 12/13 work • Use of Uplearn – students should use the key knowledge and exam papers • Past papers available on AQA website. Also look at the sample papers - complete past papers and check against mark scheme. • Past papers on Physics and Maths tutor, also available are flashcards, mind maps, exam questions sorted into topics alongside individual papers • Required practical videos https://youtube.com/playlist?list=PLgLMzXoINgWSAsZNXQmhECeg8U07_U9zn&si=Cys4Xgfp6tseYqWG https://youtube.com/playlist?list=PL7O6CcKg0HaFevL5r4HQxQDLUIpdDhnVS&si=IOzbSbi_FMzTWvXJ
<p>Specific independent focus over Easter</p>	<ul style="list-style-type: none"> • Revise page 495 & 496 of text book – Conditions for organic synthesis exam questions • RAG rate topics in order to focus independent revision • Uplearn sections and exam papers • RP Exam paper packs to be completed and checked against mark schemes