

Year 13 - Edexcel Specification		
13C Chemistry		
Week Commencing	Dr Atkins (3)	Miss Noyes (2)
02/09/2019	<u>Topic 12 Acids and Bases</u> - Welcome back. Reviewing basic pH calculations	<u>Topic 17 Organic Chemistry II</u>
09/09/2019	Continuing buffer calculations and collecting data for core practical (finding the K_a of a weak acid)	Chirality
16/09/2019	Assessment Week	
23/09/2019	using titration data. Titration curves and the calculation of K_a by experiment	Carbonyl Compounds
30/09/2019	acids base review	Carbonyl Compounds and carboxylic acids
07/10/2019	<u>Topic 13 Energetics II</u> -Lattice Energy, Born Haber Cycles	Acyl Chlorides and esters
14/10/2019	Enthalpy changes of solution and hydration	Condensation polymerisation/ Reaction practical
21/10/2019	Mock Week	Mock Week
HALF TERM		
04/11/2019	Entropy	<u>End of Chapter 17 test</u>
11/11/2019	Gibbs Free Energy and reaction feasibility	Chapter 18 - benzene structure reactions
18/11/2019	<u>End of chapter 13 test</u>	Reactions of benzene
25/11/2019	<u>Topic 14 Redox II</u> - standard electrode potentials	Amines, amides - preparation and reactions
02/12/2019	Core practical 10	Amines, amides - preparation and reactions
09/12/2019		