

Week	Topic	Homework	Assessment	Topic	Homework	Assessment
1	Monitoring reactions	289-294				
2	Initial rates & reaction orders	295-302		Lattice Enthalpy and BH cycles	363-370	
3	Rate Equation & rate constants	303-308		Enthalpy of solution	371-374	
4	Rate Determining Step & Arrhenius	309-317	Homework Check	Entropy and Free-Energy Change	375-381	Homework Check
5	Equilibrium Constant	321-326		Redox Titrations	388-394	
6	Gas Eq and changing Eq	327-334	Test	Electrochemical series	395-404	Test
7	Acids & Bases	336-342	Homework Check	Storage & Fuel Cells	405-408	Homework Check
	Half Term			Half Term		
8	Kw & Ka	343-349		Transition Elements and Complex Ions	413-420	
9	Buffers	350-355		Isomerism & Ligand substitution	421-425	
10	pH curves and titrations	356-360	Homework Check	Precipitation Reactions	426-429	Homework Check
11	Revision/Exam Practice			Revision		
12	PPE Exams		PPE Exams	PPE Exams		PPE Exams
13	PPE Exams		PPE Exams	PPE Exams		PPE Exams
14	PAGS			PAGS		
	Christmas Holidays			Christmas Holidays		
	Christmas Holidays			Christmas Holidays		
15	PAGS		PPE Exam corrections	PAGS		PPE Exam corrections
16	Benzene	436-439		Aldehydes and Ketones	450-451	
17	Reactions Of Benzene	440-443		Carbonyls	452-456	
18	Friedel Crafts	444-445		Carboxylic Acids/Acyl Chlorides	457-460	
19	Substituted Benzene Rings	446-49	Homework Check	Esters	461-465	Homework Check
20	Amines & Amides	469-472		Tests For Functional Groups	510-513	
	Half Term					
21	Amino Acids	473-474		Chromatography	514-519	
22	Chirality	475-478		NMR	520-527	
23	Addition & Condensation Polymers	479-488		NMR	520-527	
24	year 12 recap exam			year 12 recap exam		
25	Making Carbon – Carbon Bonds	492-497	Homework Check	More on Spectra	528-532	Homework Check
26	Functional Groups and Organic Synthesis	501-507		Spectroscopy consolidation	538-540	
	Easter Holidays					
	Easter Holidays					
27	Synthesis and Analytical Techniques Mock		Revision on going	Synthesis and Analytical Techniques Mock		Revision on going
28	PAGS			PAGS		
29	PAGS			PAGS		
30	Revision/Exam Practice			Revision/Exam Practice		
31	Revision/Exam Practice			Revision/Exam Practice		
32	A level Exams commence		A level exams commence			
	Half Term					
33	A level exams		A level exams			
34						
35						
36						
37						
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