



DRAYTON MANOR HIGH SCHOOL

Curriculum Map

C - is the topic number in chemistry
L0 is the lesson number within this topic
i.e. C1 L01 is the first lesson in the first chemistry topic.

Year 11 Chemistry

Year 11 Chemistry				
Date	Week	Lesson 1	Lesson 2	Lesson 3
01-Sep	1	C6 Rates and Equilibrium C6L01 Calculating rates of reaction	C6L02 Rates of reaction and collision theory	C6L03 Factors affecting rate of reaction
08-Sep	2	C6L04 Catalysts	C6L05 Required practical (disappearing cross)	Required practical analysis 1
15-Sep	3	C6L06 Required practical (collecting gas)	Required practical analysis 2	C6L07 Reversible reactions and equilibrium
22-Sep	4	C6L108 The effects on changing conditions on equilibrium	C6L09 The Haber Process	Summary of C6
29-Sep	5	C3b Quantitative Chemistry C3L05 Moles and Avogadro's constant	C3L06 Reacting Masses	C3L07 Percentage yield
06-Oct	6	C3L08 Limiting reactants (balloon practical)	Assessment	C3L10 Balancing equations using moles
13-Oct	7	C3L11 Concentration (mol/dm ³)	C3L12a Titration calculations	C3L12b Titration calculations
20-Oct	8	C3L13a Required practical (Titration)	C3L13b Titration analysis	C3L14 Gas volumes
03-Nov	9	C7-Organic Chemistry 2 C7L06 Reactions of Alkenes	C7L07 Alcohols	C7L08 Production of Alcohols Feedback Task
10-Nov	10	C7L09 Carboxylic Acids	Buffer lesson	PLC Check point and Feedback redo



DRAYTON MANOR HIGH SCHOOL

17-Nov	11	Mock Exams		
24-Nov	12	Mock Exams		
01-Dec	13	C10 - Using resources 1 C10L01 Potable water	C10L02 Potable water Required Practical	C10L03 Treating waste water
08-Dec	14	C10L04 LCA	C10L05 Reduce, reuse and recycle	C10L06 Corrosion (set up practical)
15-Dec	15	C10L07 Glass ceramic and composites	C10L08 Fertilisers and NPK's	Alloys
05-Jan	16	Feedback on Mock Assessments		
12-Jan	17	C8 - Chemical analysis C8L01 Purity and formulations	C8L02 Chromatography Required Practical	C8L03 Testing for gases
19-Jan	18	C8L04 Flame emission and flame tests (demo/practical)	C8L05 Testing for positive ions	C8L06 Testing for positive ions practical
26-Jan	19	C8L07 Testing for negative ions	C8L08 Identifying unknown ions practical	C8L09 Exam practise on C8
02-Feb	20	Revision for Mock exams		
09-Feb	21	Revision for Mock exams		
23-Feb	22	Mock Exams		
02-Mar	23	Mock Exams		
09-Mar	24	Corrosion Feedback Task (look at results of practical)	C7 Organic Chemistry 3 C7L10 Addition polymerisation	C7L11 Condensation polymerisation
16-Mar	25	C7L12 Thermosoftening/setting polymers HDPE/LDPE	C7L13 Natural polymers	C10L02 Potable water Required Practical
23-Mar	26	Feedback on Mock Assessments		



DRAYTON MANOR HIGH SCHOOL

13-Apr	27			
20-Apr	28			
27-Apr	29			
04-May	30			
11-May	31			
18-May	32			