

Long Term Plan: Y11 Chemistry 2023

Date	W.c 04.09.23	W.c 11.09.23	W.c 18.09.23	W.c 25.09.23	W.c 02.10.23	W.c 09.10.23	W.c 30.10.23	W.c 06.11.23	W.c 13.11.23	W.c 20.11.23	W.c 27.11.23	W.c 04.12.23	W.c 11.12.23	W.c 18.12.23
Topic	C5	C5	C5	C6	C6	C6	C6	C1-C5	C1-C5	DCP1	DCP1	C7	C7	C7
Bespoke Recall														
Lessons	Unit 5.5 Exo and endothermic	Unit 5.5 Reaction profiles energy changes	Unit 5.5 Chemical cells and fuel cells	Unit 5.6 chemical reactions collision theory	Unit 5.6 Rates and factors affecting rates	Unit 5.6 Surface area req prac	Unit 5.6 Req prac end of unit assessment	Revision	Revision	DCP1	DCP1	Unit 5.7 crude oil hydrocarbons alkanes	Unit 5.7 fractional distillation properties of hydrocarbon	Unit 5.7 cracking and alkene
FB		Energy Changes			Quantitative 1			Quantitative 2			Rates of Reaction			Reaction Profiles
Maths skills		ESTAU and the equation sheet	Drawing graphs	Interpreting graphs	ESTAU GPE and KE	proportionality	ESTAU $W=mg$	percentages	ESTAU speed	D-t graphs	Areas and volumes	ESTAU density	Converting units smaller	Converting units bigger
HW	C3/C4 GCSE	C3/C4 GCSE	C3/C4 GCSE	C3/C4 GCSE	C3/C4 GCSE	C3/C4 GCSE	B7 GCSE	B7 GCSE	B7 GCSE	B7 GCSE	B7 GCSE	B7 GCSE	P4 GCSE	P4 GCSE
Date	w.c 01.01.24	w.c 08.01.24	w.c 15.01.24	w.c 23.01.24	w.c 29.01.24	w.c 05.02.24	w.c 19.02.24	w.c 26.02.24	w.c 04.03.24	w.c 11.03.24	w.c 18.03.24	w.c 25.03.24		
Topic	C7	C7	C7	C7	C8	C8	C8	C6-10	DCP2	DCP2	C9	C10		
Bespoke Recall														
Lessons	Unit 5.7 structure of alkanes reactions of alkenes alcohol	Unit 5.7 carboxylic acids additional polymerisation condensation	Unit 5.7 amino acids and DNA	End of unit test	Unit 5.8 req prac: chromatography gas tests	Unit 5.8 flame tests detecting ions rec prac: ions	Unit 5.8 flame emission spectroscopy	Revision	DCP2	DCP2	Review Unit 5.9 gases in the atmosphere earth's early atmosphere oxygen	Review Unit 5.10 earth's resources and sustainable development potable water		

		polymerisation												
FB			Periodic Table			History of the Atom			Groups					
Maths skill	ESTAU ohm's law	error and uncertainty	Measuring rates	ESTAU microscopy	Probability	Percentages	ESTAU power	SI units	Standard form	ESTAU work done	Means and anomalies	Patterns on graphs		
HW	C5 GCSE	C5 GCSE	C5 GCSE	C5 GCSE	C5 GCSE	C5 GCSE	B4 GCSE	B4 GCSE	B4 GCSE	B4 GCSE	B4 GCSE	P5 GCSE		
Date	w.c 15.04.24	w.c 22.04.24	w.c 29.04.24	w.c 06.05.24	w.c 13.05.24	w.c 20.05.24	w.c 03.06.24	w.c 10.06.24	w.c 17.06.24	w.c 24.06.24	w.c. 01.07.24	w.c 08.07.24	w.c 15.07.24	w.c 22.07.24
Topic	HT5 plan	HT5 Plan	HT5 Plan	HT5 Plan	GCSEs	GCSEs	GCSEs	GCSEs	GCSEs					
Bespoke Recall														
Lessons	TBC DCP2	TBC DCP2	TBC DCP2	TBC DCP2										
Maths skills	Rearranging equations/extended calcs	Data interpretation	Graph interpretation	Line of best fit	Error and uncertainty	ESTAU and the equation sheet								

See assessment Calendar for details of **end of unit** and **Summative DCP** Assessments

Details of the **academic texts** can be found in the centralised planning.

FB is our Flashback lessons. These form part (or all) of the last lesson of the week.

Bespoke Flashback and bespoke recalls are decided from end of unit assessments and DCP data. Other recall topics are built into lessons on the centralised planning.

See Skills code sheet to understand the skill letters.

SMSC/personal development opportunities see medium plan for more details

Maths skills form 15-20 minutes of one lesson each week to build up competency as 40% of the Physics paper is maths based.

HT5 plan in KS4 revision folder.