

Long-Term Curriculum Plan 2023-24 Long Term Plan: Y10 Physics 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	P1 Recap	P2	P2	P2	P2	P2	P2	P2	P3	P3	Revision	DCP1	P3	P3	
Bespoke Recall															
Lessons	unit 6.1 Energy changes renewable energy	Unit 6.2 symbols current voltage resistance	Unit 6.2 Ohm's law req Prac: resistance of a wire	Unit 6.2 IV graphs req prac: IV graphs	Unit 6.2 series and parallel circuit laws resistance in series and parallel	Unit 6.2 DC and AC mains electric plugs	Unit 6.2 power appliances Nat grid	Unit 6.2 Static electricity electric fields	Unit 6.3 Density req Prac: Density	Unit 6.3 states of matter internal energy SHC	Revision P1-3	DCP1 PPE	Unit 6.3 Latent heat motion in a gas	Unit 6.3 Pressure in a gas	
FB			SI Units, Prefixes			Energy Stores KE			Percentages, means, averages			Specific Heat Capacity			
Maths skills		ESTAU & equation sheet	Drawing graphs	ESTAU GPE	Percentages	ESTAU KE	SI Units	ESTAU	Converting units smaller	ESTAU	Converting units bigger	No skill	ESTAU ohm's law	Calculating a mean	
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	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	P4	P4	P4	P4	P4	P1 Recap	P5	P5	Revision	DCP2	P5	P5			
Bespoke Recall															
Lessons	Unit 6.4 Atomic structure development of the atom	Unit 6.4 mass number isotopes	Unit 6.4 alpha, beta and gamma equations decay	Unit 6.4 half lives contamination	Unit 6.4 fission and fusion	Unit 6.1 Power and work done	Unit 6.5 Scalar and vector forces gravity	Unit 6.5 resultant forces work done	Revision	DCP2	Unit 6.5 Hooke's law req Prac: Hooke's law	Unit 6.5 Moments, levers and gears			

FB	Circuits & Electricity			Resistanc e of A Wire			Ratios			Alpha, beta, gamma				
Maths skill	ESTAU and the equation sheet	Graph interpre tation	ESTAU rearrang ing	Boiling and melting point lines	ESTAU GPE	Scale drawings	ESTAU microscope	Using a protract or	Probabilit y		Calculating an area	Errors and uncertain ties		
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 22.04.2 4	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	P5	P5	P5	P5	P5	P5	P5/Revisio n	Revision	DCP3	DCP3	Revision	Revision	Revision	Revision
Bespoke Recall														
Lessons	Unit 6.5 Pressure in a fluid pressure in a fluid due to a column	Unit 6.5 atmosph eric pressure speed, velocity and displace ment	Unit 6.5 distance time graphs accelerati on	Unit 6.5 Terminal velocity and velocity time graphs.	Unit 6.5 Newton's laws req prac: acceleratio n due to mass	Unit 6.5 stopping distances Reaction time	Unit 6.5 Momentum Revision Paper 1 and P5	Revision Paper 1 and P5	Y10 PPE DCP3	Y10 PPE DCP3	TBC DCP3	TBC DCP3	TBC DCP3	TBC DCP3
FB	Internal Energy			Series and parallel circuits			Equations			Forces				
Maths skills	Unit conversio ns smaller	Unit conversi ons bigger	combin ing unit conversi on	ESTAU density	Graph interpreta tion	Directly proportio nal	ESTAU and the equation sheet	Standard form	No skill	No skill	Balancing equations	Mean- sampling	Mode- sampling	Median- samplin g
HW	B3 GCSE	B3 GCSE	B3 GCSE	B3 GCSE	B3 GCSE	B3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE	P3 GCSE

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.