

Long Term Plan: Year 7 Science

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	Induction	Induction	Induction	Induction	B1 Organisms	B1 Organisms	B1 Organisms	C1 Matter	C1 Matter	C1 Matter	DCP1	P1 Forces	P1 Forces	P1 Forces
Bespoke Recall														
Lessons	What is science? Safety in Science	Equipment Measuring Drawing a table	Graphs, Risk Assessments Bunsen burners	Volume Temperature Observations Academic text	Living things Skeleton Cells	Observing cells specialised cells cell organisation organs	Academic text Organ donation cells project end of unit- ext writing	WCF states particle models changes of state Academic text	Diffusion Solubility Separating- chromatography separating rock salt	purity distillation end of unit- practical skills WCF Revision	DCP1 Assessment and WCF Academic text P1	distance time speed acceleration	Forces Gravity resultant friction	exploring forces pressure floating and sinking end of unit- maths skills WCF
Skills	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A	Skills: R, V, DT, A
FB				Lab safety	Using a bunsen burner	Meniscus	Equipment names and diagrams	cells 1	using a microscope	Risk assessments	Particles	Diffusion 1	Separation of mixtures	Variables 1
HW		Induction	Induction	Induction	Induction	Induction	B1	B1	B1	B1	B1	B1	B1	B1
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	B2 Ecosystems	B2 Ecosystems	B2 Ecosystems	C2 Reactions	C2 Reactions	C2 Reactions	P2 Waves	P2 Waves	Science Week	Revision	DCP2	P2 Waves		
Bespoke Recall														
Lessons	bank hol Food chains food webs energy loss	Competition biomass predators	Pollination plant anatomy seed dispersal	B2 Academic text end of unit- ext writing WCF Periodic table	Oxidation reactivity series metal salts	Acids and alkalis Indicators Neutralisation Academic text	Types of waves parts of a wave The ear sound	Echoes Light Colours Academic text	Science week 2024- Time	Camera Revision	DCP2 Assessment and WCF	The eye Lenses Glasses end of unit- MCQ WCF		

Skills	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H	Skills: SW, P, G, H		
FB	Risk assessment			Calculating averages		Patterns from graphs 1		Drawing results tables			Variables 2			
HW	C1	C1	C1	C1	C1	C1	P1	P1	P1	P1	P1	P1	P1	
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	B3 Genes	B3 Genes	B3 Genes	B3 Genes	C3 Earth	C3 Earth	C3 Earth	Careers	Revision	DCP3	P3 Energy	P3 Energy	P3 Energy	P3 Energy
Bespoke Recall														
Lessons	WCF Variation Data importance of variation	Female Male reproductive organs Puberty fertilisation	Egg dissection Pregnancy Health during pregnancy IVF	Academic text end of unit- MCQ- WCF	Earth's atmosphere Human Impact Global warming	Earth's structure Igneous rocks sedimentary rocks Metamorphic	Academic text Weathering rock cycle end of unit- ext writing	WCF Careers week	Revision	DCP3 Assessment and WCF	Energy Energy stores Elastic	Gravitational Thermal Diagrams	Calculating efficiency Making electricity cost	Academic text end of unit- practical skills WCF
Skills	Skills: O, C, T, AH	Skills: O, C, T, AH	Skills: O, C, T, AH	Skills: O, C, T, AH	Skills: O, C, T, AH	Skills: O, C, T, AH	Skills: O, C, T, AH				Skills: AH, C, H, G	Skills: AH, C, H, G	Skills: AH, C, H, G	Skills: AH, C, G, P
FB		Graphs and patterns from graphs 2		Scientific writing		cells 2	Hypothesis		Justifying opinions	forces	Concluding and analysing		Graphs 3	
HW	B2	B2	B2	B2	B2	B2	C2	C2	C2	C2	C2	C2	C2	C2

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

See documents on [science week and careers week](#).