

KEY STAGE 3 SCIENCE CALENDAR 2022-23

W/B	Term: Week	Phase: Week	T/T Week	Year 7	Year 8
29 Aug	1:1				
05 Sep	1:2	1:1	1		
12 Sep	1:3	1:2	2		
19 Sep	1:4	1:3	1		
26 Sep	1:5	1:4	2	Practical Skills (no CAT) = 14 lessons	
03 Oct	1:6	1:5	1		
10 Oct	1:7	1:6	2		7H Elements (10) + 8E Combustion (10) + Rev + CAT
17 Oct	1:8	1:7	1	7I Energy + 7K Forces 9 lessons (Inc 2Ch)+ Rev + CAT	
24 Oct					
31 Oct	2:1	1:8	2		
07 Nov	2:2	1:9	1		8K Energy Transfers (10 inc 1Ch) + FB+ Rev + CAT
14 Nov	2:3	2:1	2	Complete Acids and Alkalis	
21 Nov	2:4	2:2	1		Complete Sound
28 Nov	2:5	2:3	2		
05 Dec	2:6	2:4	1	7F Acids and Alkalis (8) & 7E (Mixtures and separation (10 inc 2Ch and FB) + Rev + CAT	
12 Dec	2:7	2:5	2	Practical/ Microscope work to complete the term for cells intro	7L Sound (6) + 8J Light (9 inc 2 Ch) + FB + Rev + CAT (Sound challenge after CAT)
19 Dec					
26 Dec					
02 Jan (Students 4 th)	3:1	2:6	1		
09 Jan	3:2	2:7	2	7A Cells (8) + FB+ Rev + CAT	
16 Jan	3:3	2:8	1		Complete Inheritance
34 Jan	3:4	2:9	2		
30 Jan	3:5	3:1	1	Complete 7G Particle Model (9)	
06 Feb	3:6	3:2	2		9A Inheritance (10 inc 1Ch) + 8D Unicellular (8) + FB + Rev + CAT
13 Feb					
20 Feb	4:1	3:3	1	Complete 7K Forces (8 inc 2 ch)	
27 Feb	4:2	3:4	2		
06 Mar	4:3	3:5	1		Complete Respiration
13 Mar	4:4	3:6	2	7G particle model, 7K Forces & 8I Fluids (8) + FB + Rev + CAT	
20 Mar	4:5	3:7	1		
27 Mar	4:6	3:8	2		8C A&An Respiration (12 inc 1Ch) and 9B Plant Growth (8) + FB + Rev + CAT
03 Apr					
10 Apr					
17 Apr	5:1	3:9	1	Complete 8A digestion	
24 Apr	5:2	4:1	2		
01 May	5:3	4:2	1	7B Reproduction (8) and digestion+ rev and CAT	
08 May	5:4	4:3	2		
15 May	5:5	4:4	1	7J Electricity (9 inc 2Ch and FB) + Rev + CAT	8F The Periodic Table + 8G Metals & Their Uses + 9F Reactivity (16) + FB + Rev + CAT
22 May	5:6	4:5	2	revision for EoY	Revision
29 May					
05 Jun	6:1	4:6a	1	Revision (inc FB from CATs)	
12 Jun	6:2	4:6b	*(2)	Exam week	
19 Jun	6:3	4:7	1		
26 Jun	6:4	4:8	2		
03 Jul	6:5	4:9	1	7D Ecosystems (9) + Rev + CAT Exam Feedback	8L Space + 9I Forces = 9Lessons Exam Feedback
10 Jul	6:6		*(2)	Activity Week??	
17 Jul	6:7		1	Practical CAT	Practical CAT

Feedback: FB

Must be completed **after** 2 weeks from the CAT (giving enough time for any catch-ups), focus on exam technique as well as common mistakes/misunderstandings.

End of term lessons – If you still have lessons left DON'T start the new topic – fill with practical skills (planning, measuring, recording)/graph skills

Year 7 Challenges

Energy – Egg Drop

Forces – Make a Newton meter

Mixtures – Make citrus perfume

Electricity – Make a fruit battery

Practical CAT – covering topics: Electrical circuits, pH measurements, volume, mass and weight measurements, digestion tests, label the reproductive system, measure extension of a spring, name that force! Draw evaporation scientific equipment, using microscope (what does the word say?) indoor quadrats!

Year 8 Challenges

Energy Transfers – make an insulated vessel to keep ice

Light – Make a pinhole camera

Sound – Make a soundproof box

Inheritance – design a novel animal with highlighted adaptations

Respiration – design experiment to prove/disprove a planet can support life

Space – launch a rocket