

SCIENCE Programme of Study (2025-26)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
	Autumn 1 – ‘Equality & Diversity’								Autumn 2 – ‘Living in the Wider World’						
	Subject Area Topic								Subject Area Topic						
	1. Lab skills + microscopes	2. Living processes Plant cells	3. Specialist plant cells Animals cells Specialist animals cells	4. multicellular and unicellular Organisation of organisms	5. Diffusion DNA structure	6. Chromosom es and genes.	7. Revision of biology content ASSESSMENT	8. Therapy Week Catch up on areas needed + STEM	1. inheritan ce	2. Adaptations in animals and plants	3. Solids, liquids gases + state changes	4. Energy transfers	5. Elements and compound s	6. ASSESS MENT Mixtures	7. Therapy week catch up areas needed.
	Notes/Links/Interleaving			Additional Higher Content Chemical formula Genetic engineering					Notes/Links/Interleaving		Additional Higher Content Give examples of specific adaptations explaining how they help in different ways. Explaining key terms; dominance and recessive when talking about inheritance.				
	Spring 1 – ‘The Circle of Life’							Spring 2 – ‘Conflict’							
	Subject Area Topic							Subject Area Topic							
	1. Electrical Circuits circuit compon ents,	2. Growth + skeleton Muscles	3. Human reproduction Menstrual cycle	4. Having a baby + pregnancy	5. Recycling and the Atmosphere.	6. Climate Carbon cycle ASSESSMEN T	7. Therapy week catch up areas needed.	1. Acid and alkali reactions + products	2. Reactions of acids with metals	3. Reactions of oxides with acids	4. Displacement reactions and products	5 Assess ment Forces, motion and friction.	6. Therapy week catch up areas needed.		
	Notes/Links/Interleaving			Additional Higher Content Hormone additional info in menstrual cycle				Notes/Links/Interleaving		Additional Higher Content Balanced chemical equations Forces calculations using given equations (GCSE prep)					
	Summer 1 – ‘Health & Leisure’							Summer 2 – ‘Crime & Punishment’ (CSI THEME)							
	Subject Area Topic							Subject Area Topic							

	1. Nutrition, food groups vitamins and minerals	2. Consequences of unbalanced diet and health + related conditions + diseases	3. Digestion and healthy bacteria health	4. Smoking + related diseases / problems Asthma	5. drugs effects on health. Exercise	6. Gas exchange and Aerobic respiration	1. Blood tests mock up (CSI type theme) -Fingerprinting -Blood splatter + blood thickness	2. CSI Cont. -Fibres -Unknown powers -Ink chromatography	3. Separating mixtures	4. Forces, elasticity and pressure	5. Properties of metals + non - metals Reactions of metal with air	6. 'Science of weapons' (acceleration, velocity, speed calculations)	7. Skeleton + muscles crime scene theme foot prints, joint movements
	Notes/Links/Interleaving		Additional Higher Content Gas exchange further detail Equations/ balanced equations for Aerobic respiration				Notes/Links/Interleaving		Additional Higher Content Additional equations for pressure and forces Balanced chemical equations for metals reactions with air.				