

SCIENCE Programme of Study (2024-25)

rthumberlan Week 1	d's P.R.U. Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week	Week	Week 10	Week 11	Week 12	Week 13	Week 14	Week 1		
							8	9								
		Autı	ımn 1 – 'Eq	uality & D	iversity'			Autumn 2 – 'Living in the Wider World'								
Subject Area Topic								Subject Area Topic								
microscopes	Plant and sanimal cells + s	Specialised cells,		Inheritance S Adaptation II s	Solids,	7.Compounds + mixtures.	transfer	1. Plant nutrition- seed production	2. Seed dispers Plant reproduction Dependance on other organisms	food webs Extinction	4. -Space, sun and stars. -Gravity	5. Light waves, reflection, refraction, Colour	6. Sound waves and energy and speed of sound	7. Electric circuits circuit compornts, series and paralle		
Notes/Links/In	iterleaving		Additional Higher Content Chemical formula Genetic engineering					Notes/Links/Interlea ving Additional Higher Content Cross pollinating Electricity equations / calculations			ions					
Spring 1 – 'The Circle of Life'								Spring 2 – 'Conflict'								
			Subject Area	Topic			Subject Area Topic									
1. Growth + skeleton Muscles	2. Human re Menstrual	production cycle	3. Having a baby + pregnancy	4. Recycling, Atmosphere and climate		6.Rock cycle cle + Earth structure	1. Acid an reaction prod	ıs +		3. Reactions of oxi acids	re	isplacement eactions and roducts	and f	es, motion.		
Notes/Links/Interleaving			Additional Higher Content Hormone additional info in menstrual cycle								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 vitamin and minerals	•	d diet and lated	3. Digestion and healthy bacteria health	4. Smoking + related diseases / problems Asthma	5. drugs effection health. Exercise	6. Gas exchange and Aerobic respiration	1. Blood tes up (CSI t theme) -FIngerpr -Blood sp blood thic	sts mock ype inting blatter +	-Fibres -Unknown powers	3. Separating mixtures Forces, elasticity and pressure	elasticity and pressure	of metals + non - metals Reactions	weapons' (acceleratio n, velocity,	+ muscles crime scene		

											prints, joint movemen ts
Notes/Links/Interleaving	Eq	s exchange fur	ed equations f	Notes/Links/Interleaving			Additional Higher Content Additional equations for pressure and forces Balanced chemical equations for metals reactions with air.				