

Science: Curriculum plan 2022-2023

	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Yr7	*Science Skills	*Forces	*Cells and	*Pure and Impure	*Skeletal and	*Reproduction
	*Particle Model and	* Energy Stores and	Organisation	Substances	Muscular Systems	*Atoms, Elements and
	Matter	Transfers	*Space Physics	*Skeletal and	(cont.)	Compounds
				Muscular Systems	*Sound and Light	
Yr8	*Variation,	*Nutrition and	*Acids and Alkalis	*Earth and	*Forces and Motion	*Plants and
	Classification,	Digestion	(cont.)	Atmosphere	(cont.)	Photosynthesis
	Evolution	*Gas Exchange and	*Heating and Cooling	*Forces and Motion	*Pressure in Fluids	*Magnetism and
	*Chemical Reactions	Human Health			*Plants and	Electromagnetism
		*Acids and Alkalis			Photosynthesis	*Cellular Respiration
Yr9	*Adaptations,	* Atomic Structure	*Cell Biology (cont.)	*Quantitative	* Energy (cont.)	*Organisation and the
	Interdependence and	and the Periodic Table	*Bonding, Structure	Chemistry	*Organisation and the	Digestive System
	Competition	(cont.)	and the Properties of	*Energy	Digestive System	(cont.)
	*Atomic Structure and	* Electrical Circuits	Matter			*Forces and their
	the Periodic Table	*Cell Biology				interactions
						*Work done and
						Energy Transfer
Yr10	*Infection and	*Particle Model of	*Atomic Structure and	*Bioenergetics –	*Forces and Elasticity	*Electricity
(CS)	Response	Matter	Nuclear Radiation	Respiration	*Forces and Motion	
	*Chemical Changes	*Organisation –	*Plant Tissues, Organs	*Bonding in Carbon	*Chemistry of the	
		Circulatory System	and Systems	*Chemical Analysis	Atmosphere	
		*Energy Changes	*Bioenergetics –			
			Photosynthesis			

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Yr10	*Organisation –	*Electricity (cont.)	*Particle Model of	*Chemical Changes	*Energy Changes	*Ecology (cont.)
(SS)	Circulatory System	*Particle Model of	Matter (cont.)	(cont.)	(cont.)	*Rate and Extent of
	*Plant Tissues and	Matter	*Photosynthesis and	*Energy Changes	*Ecology	Chemical Change
	Organ Systems	*Infection and	Respiration	*Forces	*Forces (cont.)	*Forces (cont.)
	*Transition Metals	Response	*Chemical Changes			
	*Bonding in Carbon	* Moles; Limiting	*Atomic Structure and			
	*Electricity	reactants; Percentage	Nuclear Radiation			
		Yield				
Y11	*Homeostasis and	*Forces and Motion;	*Waves (cont.)	*Revision	*Revision	*Revision
(CS)	Response	Momentum (cont.)	*Magnetism and			
	*Rate and Extent of	*Inheritance,	Electromagnetism			
	Chemical Change	Variation, Evolution	*Using Resources			
	*Forces and Motion;	*Organic Chemistry				
	Momentum	*Waves				
Yr11	*Forces	*Homeostasis	*Magnets	*Chemical analysis	*Revision	*Revision
(SS)		*Waves	*Organic chemistry	*Inheritance.		