KS3	Autumn HT1	Autumn HT2	Spring HT1	Spring HT2	Summer HT1	Summer HT2
<u>Science</u>						
Year 7	Key Skills: Safety in	Organisms 1 : Movement	Organisms 1:	Waves 1 : Sound &	Waves 1 : Sound &	Forces 2 : Contact
	Science.	and Cells.	Movement and Cells.	<u>Light</u>	<u>Light</u>	Forces and Pressure.
	Safety and Hazards			Exploring sound	Exploring sound	Analysing equilibrium
	Equipment	Exploring the human	Exploring the human	Describing sound	Describing sound	What a drag!
	Bunsen Burner	skeleton	skeleton	Hearing sounds	Hearing sounds	Understanding
	Variables and recording	Understanding the role	Understanding the	Understanding how	Understanding how	stretch and
	data	of joints and muscles	role of joints and	sound travels	sound travels through	compression
	Graphs	Examining interacting	muscles	through materials	materials	Investigating Hooke's
	Investigation	muscles	Examining interacting	Learning about the	Learning about the	Law
	[This topic will also	Exploring problems with	muscles	reflection and	reflection and	MMA 1
	include approximately	the skeletal system	Exploring problems	absorption of sound	absorption of sound	Exploring pressure on
	2 'Literacy in Science'	Understanding	with the skeletal	MMA 1	MMA 1	a solid surface
	lessons]	organisation of organisms	system	Exploring properties	Exploring properties	Exploring pressure in
		Describing animal and	Understanding	of light	of light	a fluid
		plant cells	organisation of	Exploring reflection	Exploring reflection	Calculating pressure
	Matter 1 : Particles &	Understanding	organisms	Exploring refraction	Exploring refraction	Explaining floating
	Separating Mixtures	adaptations of cells	Describing animal and	MMA 2	MMA 2	and sinking
	Using particles to	MMA 1	plant cells	Seeing clearly	Seeing clearly	MMA 2
	explain matter	Exploring cells	Understanding	Exploring coloured	Exploring coloured	
	Understanding solids	MMA 2	adaptations of cells	light	light	[This topic will also
	Understanding liquids	Understanding unicellular	MMA 1	[This topic will also	[This topic will also	include approximately
	and gases	organisms	Exploring cells	include	include approximately	4 'Literacy in Science'
	Exploring diffusion	[This topic will also	MMA 2	approximately 4	4 'Literacy in Science'	Lessons]
	Explaining changes of	include approximately 4	Understanding	'Literacy in Science'	Lessons]	
	state	'Literacy in Science'	unicellular organisms	Lessons]		
	MMA 1	lessons]				
	Separating mixtures					
	Exploring solutions					
	Understanding					
	distillation					

Exploring	Genes 1: Variation &	Genes 1: Variation &	Earth 1: Structure	Earth 1: Structure and
chromatography	Human Reproduction	Human Reproduction	and the Universe	the Universe
MMA 2			Understanding the	Understanding the
[This topic will also	Looking at variation	Looking at variation	structure of the	structure of the Earth
include approximately	Exploring causes of	Exploring causes of	Earth	Exploring igneous
5 'Literacy in Science'	variation	variation	Exploring igneous	rocks
lessons]	Considering the	Considering the	rocks	Exploring
	importance of variation	importance of	Exploring	sedimentary rocks
	MMA 1	variation	sedimentary rocks	Exploring
	Understanding the	MMA 1	Exploring	metamorphic rocks
	female reproductive	Understanding the	metamorphic rocks	MMA 1
	system and fertility	female reproductive	MMA 1	Understanding the
	Understanding the male	system and fertility	Understanding the	rock cycle
	reproductive system and	Understanding the	rock cycle	Describing stars and
	fertilisation	male reproductive	Describing stars and	galaxies
	Learning how a foetus	system and	galaxies	Explaining the effects
	develops	fertilisation	Explaining the	of the Earth's motion
	MMA 2	Learning how a foetus	effects of the Earth's	Exploring our
	Understanding factors	develops	motion	neighbours in the
	affecting a developing	MMA 2	Exploring our	Universe
	foetus	Understanding factors	neighbours in the	Using models in
	The Menstrual cycle	affecting a developing	Universe	science
	Communicating ideas	foetus	Using models in	[This topic will also
	about smoking in	The Menstrual cycle	science	include approximately
	pregnancy	Communicating ideas	[This topic will also	4 'Literacy in Science'
	[This topic will also	about smoking in	include	Lessons]
	include approximately 3	pregnancy	approximately 4	
	'Literacy in Science'	[This topic will also	'Literacy in Science'	
	lessons]	include approximately	Lessons]	
		3 'Literacy in Science'		
		lessons]		

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