United Curriculum: Science



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	N3-4	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	It's getting cold	Me and My World	BIOLOGY	BIOLOGY	CHEMISTRY	BIOLOGY	CHEMISTRY	PHYSICS
	outside / Bears	Exploring the	Plants	Plant growth	Rocks	Classifying organisms	Separating mixtures	Electricity
	Weather where we	natural world	Identifying and naming	Plants grow from seeds,	Comparisons of types of	Introduction to	Identifying and	Investigating variations
	live, habitats where bears live.	around us. Comparing us now	common plants and	and require water, light	rocks and how fossils	classifying animals and	separating mixtures;	in series and parallel
	bears live.	to when we were	describing basic structures	and a suitable temperature	are formed	their environment	reversible and non- reversible changes	circuits, and how electricity is generated
2	Our local area.	babies – talking	structures	temperature		Habitats and microhabitats at our	reversible changes	Looking at local power
<u> </u>	Weather in	about how our	Nature walk around our	Logal plant walls	Fossil finding in an around our school	forest school	Curiosity	plant
V. 14.14	Manchester.	body changes.	school grounds. Tree	Local plant walk	around our scrioor	10.000.00.	Curiosity	Local use of renewable
<	[Exploring our local	and leaf hunt.	Curiosity	curiosity and respect	Curiosity and respect		energy
	Curiosity and	area.		Curiosity	curiosity and respect	currently una respect		
	respect	Oissilites and	Curiosity and respect					Curiosity
		Civility and Curiosity and						
		respect.						
	Polar express /	Му	BIOLOGY / PHYSICS	BIOLOGY	PHYSICS	BIOLOGY	BIO / CHEM / PHYSICS	BIOLOGY
	Special days	Heroes/Standing	Seasonal changes	Needs of animals	Light	Food & digestion	Energy	Evolution
	Melting and	Ovation	Observing changes	Animals need water,	Relationship between	The human digestive	Introducing the concept	Fossils; introduction to
C	freezing; natural and artificial	Looking at seasonal changes	across four seasons and	food and air to survive	light and how we see; the	system and simple food	of energy stores and	the idea that adaptation
		(Autumn).	describing associated weather.	and to have offspring	formation of shadows	chains Caterlink assembly	energy transfers; relate this to prior knowledge	may lead to evolution Research local fossil
}	3		weather.	Curiosity and respect	Curiocity	about digesting food	Looking at local	discoveries
A. 14.1A	civility and	Curiosity and	Observe weather in	Curiosity and respect	Curiosity	about argeothing rood	power plant	diocoverico
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	curiosity	respect	Gorton during the			Curiosity	Local use of	Curiosity and respect
			Autumn term.				renewable energy	,
			Curiosity				Curiosity and respect	
	On the Move /	Castles, Knights	CHEMISTRY	CHEMISTRY	BIOLOGY	CHEMISTRY	BIOLOGY	PHYSICS
	Toys	and Dragons	Everyday materials	Uses of materials	Organisms	Particle model and	Life cycles	Light
	Exploring pushes,		Distinguishing objects	Comparisons of an	The role of muscles and	states of matter	Life cycles of a mammal,	How light travels and is
	pulls and magnets	Looking at	from their material, and	object's material with its	skeletons; the	States of matter in	amphibian, insect, bird,	reflected, and how this
-	4	seasonal changes (Winter)	describing simple	use; impact of bending,	importance of nutrients	relation to particle	and some reproduction	allows us to see
Caring	Civility and respect	(willer)	properties.	twisting on solid objects	0 : "	arrangement Locating solids, liquids	processes Look at lifecycles in	0 1 1
		Curiosity	Look at materials that	Curiosity	Curiosity	and gases in our school	microhabitats on the	Curiosity
Ú		Ouriosity	are produced in	Odriosity		environment	school grounds and	
			Manchester.				surrounding areas.	
						Curiosity and respect		
			Curiosity.				Curiosity and resepct	



On the Farm / Food	Spring in our step		BIOLOGY	BIOLOGY	PHYSICS	BIOLOGY	BIOLOGY
Glorious Food	Wildlife and		Living things & habitats	Plants	Sounds	Human development	Further classification
Life cycles of farm	weather in spring		Introduction to habitats,	Features of flowering	Relationship between	Human development to	Further classification of
animals and plants	and winter; habitats around our		micro-habitats, and	plants and what they	strength of vibrations	old age	organisms based on
Plants and animals	school.	Consolidation and	simple food chains	need to survive	and volume of sound		characteristics
in local area./trip to		review	Local habitats walk	School flower tour	Making panpipes	Curiosity and respect	ludaomont
Reddish Vale Farm	Curiosity and		Civilian and alternati	School flower tour	Curiosity		Judgement
	respect		Civility, curiosity and respect	Curio city and reap est	Curiosity		Enthusiasm
Curiosity and civility			respect	Curiosity and respect			Enthusiasm
and respect.							
Once upon a time 1	Where We Live	BIOLOGY	CHEMISTRY	PHYSICS	PHYSICS	PHYSICS	BIOLOGY
/ 2	Materials – looking	Animals	Solids, liquids and gases	Forces & motion	Electricity	Forces	Functions of the human
Properties of	at similarities and	Naming reptiles, fish,	How the same	Introducing pushes and	Simple series circuits	Gravity, air and water	body
materials and exploring mixtures	differences in construction	amphibians, birds and	substances can exist as	pulls; opposing forces,	Power stations in	resistance and friction;	Human circulatory
exploring mixtures	Our local area -	mammals; carnivores, herbivores, omnivores	solids, liquids and gases	and balanced forces	Carrington and	introduction to pulleys	system; transport of nutrients within the body
	Gorton	nerbivores, orninivores	Curiosity	Curiosity.	Stalybridge	Curiosity	Links with local
Curiosity		School Trip to Lancaster	Curiosity	Guilosity.	Curiosity and respect	Curiosity	hospitals
	Curiosity	Park and Animal Farm			Curiosity and respect		
							Curiosity
		Civility, curiosity and					
		respect					Enthusiasm
All creatures great	Science detectives	BIOLOGY		PHYSICS	CHEMISTRY	PHYSICS	CHEMISTRY
and small 1 / 2	Properties of	Humans		Magnetism	Properties of materials	Earth and space	Physical and chemical
Life cycles of animals in trop.	materials and habitats around the	Human body parts and		Contact and non-contact	Considering physical and	Movements of planets	changes
rainforests, sea,	world	senses		forces, including friction and magnetism	chemical properties	and the Moon, and relationship to day and	Identifying physical and chemical changes
and grasslands		Walk of our local area to	Consolidation and	and magnetisin	Curionity	night	Everyday changes
	Visit to Debdale	explore our senses.	review	Curiosity	Curiosity	Links to Jordrel Bank	around us
Respect and	Park	5p. 6. 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		3355,		and the Lovell telescope	
curiosity		Civility and curiosity					Critical thinking and
	Civility, curiosity					Curiosity	curiosity
	and respect						
							Enthusiasm

