	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		questions and recognising that they can be answered in different ways Sc1/1.2 observing closely, using simple equipment	questions and recognising that they can be answered in different ways Sc2/1.2 observing closely, using simple equipment	different types of scientific enquiries to answer them Sc4/1.2 setting up simple practical enquiries, comparative and fair tests	questions and using different types of scientific enquiries to answer them Sc4/1.2 setting up simple practical enquiries,	use the following practical scientific methods, processes and skills through the teaching of the programme of study	During years 5 and 6, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:
		simple tests  Sc1/1.4 identifying and classifying	simple tests  Sc2/1.4 identifying and classifying  Sc2/1.5 using their	systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of		different types of scientific enquiries to answer questions, including recognising and	Sc6/1.1 planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
			suggest answers to questions  Sc2/1.6 gathering and recording data to help in answering questions.	thermometers and data loggers  Sc4/1.4 gathering, recording, classifying and presenting data in a variety of ways to help in answering questions	presenting data in a	range of scientific equipment, with increasing accuracy and	Sc6/1.2 taking measurements, using a range of scientific equipment, with increasing accuracy and precision
ifically				Sc4/1.5 recording findings using simple		and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs  Sc5/1.4 using test	Sc6/1.3 recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs
Working Scientifically				findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions		predictions to set up further comparative and fair tests Sc5/1.5 reporting and presenting findings from enquiries, including	Sc6/1.4 using test results to make predictions to set up further comparative and fair tests

draw simple conclusions draw simple conclusions martingships and Sc6/15 using simple
draw simple conclusions, draw simple conclusions, relationships and Sc6/1.5 using simple
make predictions for new make predictions for new explanations of results, in models to describe
values, suggest values, suggest oral and written forms scientific ideas
improvements and raise   improvements and raise   such as displays and
further questions   further questions   other presentations   Sc6/1.6 reporting and
Sc4/1.8 identifying differences, similarities or changes related to simple scientific ideas and processes processes  Sc4/1.8 identifying differences, similarities or changes related to simple scientific ideas and processes  Sc5/1.6 identifying enquiries, including conclusions, causal has been used to support or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results, including conclusions, causal or refute ideas or explanations of results.
Sc4/1.9 using straightforward scientific evidence to answer questions or to support their findings straightforward scientific evidence to answer appears their findings or to support their findings.  Sc4/1.9 using straightforward scientific evidence to answer scientific evidence to answer scientific evidence that their findings.  Sc6/1.7 identifying scientific evidence that has been used to support or refute ideas or arguments.

Jueru	e a Crownwor						
	Draw information from a		Sc2/2.1a explore and		Sc4/2.1a recognise that	Sc5/2.1a describe the	Sc6/2.1a describe how
	simple map.		compare the differences		living things can be	differences in the life	living things are classified
	<b>'</b> '		between things that are		grouped in a variety of	cycles of a mammal, an	into broad groups
	Explore the natural world		living, dead, and things		ways		
	around them.		that have never been alive		vugs	a bird	observable characteristics
	arouna utent.		l		Ca/ /2 1h averal more and		and based on similarities
	B 11 1 1 1 1		6 2 /2 41		Sc4/2.1b explore and		
	Describe what they see,		Sc2/2.1b identify that		use classification keys to	Sc5/2.1b describe the	and differences, including
	hear and feel whilst		most living things live in		help group, identify and	life process of	micro-organisms, plants
	outside.		habitats to which they are		name a variety of living	reproduction in some	and animals
			suited and describe how		things in their local and	plants and animals.	
	Recognise some		different habitats provide		wider envir <del>o</del> nment		Sc6/2.1b give
<u>.</u>	environments that are		for the basic needs of				reasons for classifying
<b>਼</b> ਕ	different to the one in		different kinds of animals		Sc4/2.1c recognise		plants and animals
بخ	which they live		and plants, and how they		that environments can		based on specific
=======================================	With they are		depend on each other		change and that this		characteristics.
2			1		can sometimes pose		Critical declar issuess.
8			Sc2/2.1c identify and		dangers to living		
6			name a variety of plants				
<b>5</b> °			and animals in their		things.		
· <del>1</del> 3			habitats, including				
돈			microhabitats				
5			riucionumuus				
Living Things and their							
· <b>Z</b>			Sc2/2.1d describe				
ج.			how animals obtain				
_			their food from plants				
ω, 'ω			and other animals,				
<b>₹</b>			using the idea of a				
18,13			simple food chain, and				
명용			identify and name				
Biology - Habitats			different sources of				
			lood.				
	Draw information from a	Sc1/2.1a identify and	V	Sc3/2.1a identify and			
				describe the functions of			
		common wild and garden		different parts of			
				flowering plants: roots,			
		deciduous and evergreen		stem/trunk, leaves and			
6)				•			
<del>  3</del>	Describe what they see,			flowers			
B	hear and feel whilst		describe how plants need				
<u> </u>		Sc1/2.1b identify and	water, light and a suitable				
		describe the basic		requirements of plants for			
- <del>}</del>		structure of a variety of	stay healthy.	life and growth (air, light,			
<b>5</b>		common flowering plants,		water, nutrients from soil,			
<u>8</u>		including trees		and room to grow) and			
Biology - Plants	which they live.			how they vary from plant			
<u> </u>				to plant			

Juan	e ac Ciowiiwoi						
	Understand the effect of changing seasons on the natural world around them.			Sc3/2.1c investigate the way in which water is transported within plants Sc3/2.1d explore the			
				part that flowers play in the life cycle of			
				flowering plants,			
				including pollination,			
				seed formation and seed dispersal.			
	their immediate family and community.	name a variety of common animals including, fish, amphibians, reptiles, birds	Sc2/2.3a notice that animals, including humans, have offspring which grow into adults Sc2/2.3b find out about	Sc3/2.2a identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own	simple functions of the	actions processes anger	Sc6/2.2a identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
		0.4/0.01	and describe the basic	food; they get nutrition	Sc4/2.2b identify the		
		Sc1/2.2b identify and name a variety of	needs of animals, including humans, for	from what they eat	different types of teeth in humans and their simple		Sc6/2.2b recognise the impact of diet, exercise,
	different to the one in	common animals that are	survival (water, food and	Sc3/2.2b identify	functions		drugs and lifestyle on the
	which they live.	carnivores, herbivores and	air)	that humans and	6-1/22		way their bodies function
35		omnivores	Sc2/2.3c	some other animals have skeletons and	Sc4/2.2c construct and interpret a variety of food		
ᅙ		Sc1/2.2c describe and	describe the	muscles for	chains, identifying		Sc6/2.2c describe the ways in which nutrients
m		compare the structure of a	timportalites go.	support, protection	producers, predators and		and water are transported
र्		variety of common animals (fish,	humans of exercise, eating	and movement.	prey.		within animals, including
ğ		amphibians, reptiles, birds	the right amounts				humans.
Biology – Animals including humans		and mammals including pets)	of different types of food, and				Sc6/2.3 Evolution
2.		Sc1/2.2d identify,	hygiene.				Sc6/2.3a recognise that
us		name, draw and label					living things have
<b>3</b>		the basic parts of the					changed over time and that fossils provide
<u>.</u>		human body and say which part of the body					information about living
⋖		is associated with each					things that inhabited the
- <del>3</del> -		sense.					Earth millions of years
The state of the s							ago
व्ह							Sc6/3.2b recognise that
Bi							living things produce

Science at Crowmoor							
						offspring of the same kind, but normally offspring vary and are not identical to their parents	
						Sc6/2.3c identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.	

Scient	e ai Crownwoi						
	Explore the natural world		Sc2/3.1a identify and			Sc5/3.1a compare and	
	around them.	between an object and the				group together everyday	
			a variety of everyday	kinds of rocks on the basis			
	Describe what they see,		materials, including		are solids, liquids or gases		
	hear and feel whilst		wood, metal, plastic,	simple physical properties		their hardness, solubility,	
	outside		glass, brick, rock, paper			transparency, conductivity	
			and cardboard for		some materials change	(electrical and thermal),	
			different uses			and response to magnets	
		including wood, plastic,			heated or cooled, and		
						Sc5/3.1b know that	
		rock	things move on different			some materials will	
			surfaces.			dissolve in liquid to form	
		Sc1/3.1c describe the		Sc3/3.1c	Celsius (°C)	a solution, and describe	
		simple physical properties	Sc2/3.1c find out	recognise that soils		how to recover a	
		of a variety of everyday	how the shapes of		Sc4/3.1c identify	substance from a solution	
			solid objects made		the part played by		
			from some		evaporation and	Sc5/3.1c use	
			materials can be			knowledge of solids,	
			changed by			liquids and gases to	
			squashing,			decide how mixtures	
		the basis of their simple	bending, twisting		0	might be separated,	
		physical properties	and stretching			including through	
						filtering, sieving and	
						evaporating	
						Sc5/3.1d give reasons,	
						based on evidence from	
<u> v</u>						comparative and fair	
豆						tests, for the particular	
'র						uses of everyday	
#						materials, including	
ŭ						metals, wood and plastic	
<u> </u>							
ಕ						Sc5/3.1e demonstrate	
호						that dissolving, mixing	
₹,						and changes of state are	
<b>2</b>						reversible changes	
iii _							
						Sc5/3.1f explain	
<b>→</b>						that some changes	
Chemistry – Everyday materials						result in the	
is						formation of new	
E .						materials, and that	
2						this kind of change	
ပ						is not usually	

Juert	ce ai Crownwor	T					
						reversible,	
						including changes	
						associated with	
						burning and the	
						action of acid on	
						bicarbonate of	
						soda.	
	Explore the natural world	*Seasonal Changes		*Light	*Sounds	*Earth and Space	*Light
		Sc1/4.1a observe		Sc3/4.1a recognise that			Sc6/4.1a recognise that
		changes across the 4		they need light in order to			light appears to travel in
	Describe what they see,	seasons				and other planets, relative	straight lines
	hear and feel whilst			is the absence of light	with something vibrating		
	outside.	Sc1/4.1b observe and					Sc6/4.1b use the idea
		describe weather			Sc4/4.1b recognise that		that light travels in
	Understand the effect of	associated with the		light is reflected from	vibrations from sounds		straight lines to explain
	changing seasons on	seasons and how day		surfaces	travel through a medium		that objects are seen
	the natural world	length varies.			to the ear	relative to the Earth	because they give out or
	around them.			Sc3/4.1c recognise that			reflect light into the eye
				light from the sun can be		Sc5/4.1c describe the	
				dangerous and that there			Sc6/4.1c explain that
						approximately spherical	we see things because
				eyes	object that produced it		light travels from light
							sources to our eyes or
				Sc3/4.1d recognise that		Sc5/4.1d use the idea of	from light sources to
				shadows are formed when	between the volume of a	the Farth's rotation to	objects and then to our
8				the light from a light	sound and the strength of	explain day and night.	eyes
				$\sigma$	the vibrations that	and the apparent	
			1	solid object	produced it.	' '	
<b>3</b>				som object	produced it.	movement of the sun	ISC6/4.1d use the idea I
Physics				Sc3/4.1e find patterns	produced a.		Sc6/4.1d use the idea that light travels in

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		in the way that the size of Sc4/4.1e recognise that straight lines to explain
		shadows change. sounds get fainter as the why shadows have the
		distance from the sound same shape as the object
		source increases that cast them
		Source unreases
		*Forces and Magnets *Electricity *Forces *Electricity
		0
		of the force of gravity with the number and
		Sc3/4.2b notice that Sc4/4.2b construct a acting between the Earth voltage of cells used in
		some forces need contact simple series electrical and the falling object circuit
		between 2 objects, but circuit, identifying and
		magnetic forces can act at naming its basic parts, Sc5/4.2b identify the Sc6/4.2b compare an
		a distance including cells, wires, effects of air resistance, give reasons for variatio
		bulbs, switches and water resistance and in how components
		Sc3/4.2c observe how buzzers friction, that act between function, including the
		magnets attract or repel moving surfaces brightness of bulbs, the
		each other and attract Sc4/4.2c identify loudness of buzzers and
		some materials and not whether or not a lamp Sc5/4.2c recognise that the on/off position of
		others will light in a simple some mechanisms switches
		series circuit, based on including levers, pulleys
		Sc3/4.2d compare and whether or not the lamp is and gears allow a smaller Sc6/4.2c use recognis
		group together a variety part of a complete loop force to have a greater symbols when
		and the state of t
		Tepresenting a sumple
		the basis of whether they circuit in a diagram.  are attracted to a magnet, Sc4/4.2d recognise that
		and identify some a switch opens and closes
		magnetic materials a circuit and associate
		this with whether or not a Sc3/4.2e describe lamp lights in a simple
		magnets as having 2 series circuit
		poles
		Sc4/4.2e recognise
		Sc3/4.2f predict some common conductors
		whether 2 magnets will and insulators, and
		attract or repel each other, associate metals with
		depending on which poles being good conductors.
		are facing