1.2 1.4, 1.5
1.4, 1.5
-
do 1.6 1.10 1.6 1.6 1.11 sociations 1.6 1.7, 1.8, 1.9 1.11
inks 1.2 1.7, 1.8, 1.9
1.4, 1.5 - 1.7, 1.8, 1.9 1.10 - 1.6 1.9, 1.10 1.11

National	Curriculum code and topic	Text references in order of importance
KS1	Life processes and living things	
<b>Sc2.1</b> 1a 1b 1c	Life processes Living and never been alive Animals move, feed, grow, use senses and re Life processes of local animals and plants	2.1 2.2 2.2
Sc2.2 2a 2b 2c 2d 2e 2f 2g	Humans and other animals Main external body parts Needs for food and water Keeping healthy Drugs as medicines Care and sensitivity Producing offspring that grow into adults Senses	3.1 3.4 3.9, 3.2, 3.4 3.12 3.11, 3.10 3.11 3.10
<b>Sc2.3</b> 3a 3b 3c	Green plants Plants need light and water to grow Parts of flowering plants Seeds grow into flowering plants	4.1, 4.3, 4.4 4.2 4.5
<b>Sc2.4</b> 4a 4b	Variation and classification Comparing ourselves and others Grouping living things	5.1, 5.2, 5.3 5.4
<b>Sc2.5</b> 5a 5b 5c	Living things in their environment Different local animals and plants Compare environments and effects on anim Care for the environment	tals and plants 5.1, 5.2, 5.3, 5.4 5.6 5.7, 5.8, 5.9
KS2	Life processes and living things	
	Life processes Life processes of humans and other animals Life processes of plants Link life processes with environments	2.1, 2.2 2.1, 2.2 5.5
Sc2.2 2a 2b 2c 2d	Humans and other animals Teeth Food and diet The heart Effects of exercise	3.2 3.3 3.8 and 3.7 3.6, 3.9

Skeletons and muscle	3.5
Human life cycle	3.11
Effects of drugs	3.12
Importance of exercise	3.9
Green plants	
Effects on plant growth	4.1, 4.3
The role of the leaf	4.3, 4.4
The roles of roots and stem	4.2
Reproduction: flower and seeds	4.5
Variation and classification	
Making and using keys	5.4
Identifying local animals and plants	5.1, 5.2, 5.3
The importance of variety	2.1, 5.7
Living things in their environment	
Environmental protection	5.8
Adaptation to habitats	5.5, 5.6
Adaptation to the environment	5.6
Feeding relationships	5.7, 5.8
Food chains start with green plants	5.7
Micro-organisms	5.8, 5.3
	Human life cycle Effects of drugs Importance of exercise <b>Green plants</b> Effects on plant growth The role of the leaf The roles of roots and stem Reproduction: flower and seeds <b>Variation and classification</b> Making and using keys Identifying local animals and plants The importance of variety <b>Living things in their environment</b> Environmental protection Adaptation to habitats Adaptation to the environment Feeding relationships Food chains start with green plants

National	Curriculum code and topic	Text references in	n order of importance
KS1	Materials and their properties		
<b>Sc3.1</b> 1a 1b	<b>Grouping materials</b> Explore and compare materials with senses: Sort objects into groups by	Transparency Thermal insulation Magnetic properties	6.1, 7.1, 13.5.3 9.3.6 12.3
1c 1d	properties: Recognize and name common materials Linking uses with properties	Electrical conductivity	10.2 7.4, 7.5, 7.3 7.4, 7.2
<b>Sc3.2</b> 2a 2b	<b>Changing materials</b> Change shapes with forces Changes with heating and cooling:	Clay, cooking	7.1, also 7.3, 7.4 6.1, 6.2, 7.4.3, 8.3.1
KS2	Materials and their properties		
Sc3.1 1a 1b 1c 1d 1e	Grouping and classifying materials Compare properties of materials and objects and relate to usage Compare thermal insulation Compare electrical conductivity Compare and classify rocks and soils Compare solids, liquids and gases		7.1, 7.2, 7.3, 7.4 and 12.3 9.3.6 10.2 7.4 6.1, 6.2
<b>Sc3.2</b> 2a 2b 2c 2d 2e 2f 2g	Changing materials Describe changes due to mixing Describe changes due to heating and Temperature measures hot/cold Reversible changes Water cycle Non-reversible changes to make new Burning to make new materials	-	8.1 9.3.1, 8.3, 6.2, 7.5.1 9.3.2 6.2, 8.1.2 6.2.2, 7.5.6 8.3.1, 8.3.3 8.3.2
<b>Sc3.3</b> 3a 3b 3c 3d 3e	Separating mixtures of materials Separation by sieving Solids dissolving in water Separation by filtering Recovering dissolved solids Using knowledge to decide how mixt	ures might be separated	8.2 8.1.2 8.1.2, 8.2 8.2 8.2, 6.1

National Curriculum code and topic		Text references in order of importance
KS1	Physical processes	
<b>Sc4.1</b> 1a 1b 1c	Electricity Everyday appliances Simple series circuits Break a circuit with a switch	10.13 10.1, 10.2, 10.3, 10.4, 10.7 10.2, 10.12
<b>Sc4.2</b> 2a 2b 2c	Forces and motion Movement of familiar things Pushes and pulls are forces Causes of speeding up, etc.	11 Intro., 11.2, 11.4, 11.5, 11.7 11.1, 11.2 11.5
Sc4.3 3a 3b 3c 3d	Light and sound Different light sources Darkness is absence of light Kinds of sound and sources of sound Sound travels, gets fainter, enters ear	13.6, 13.5 13.5 13.1, 13.2, 13.3 13.2.3
KS2	Physical processes	
<b>Sc4.1</b> 1a 1b 1c	Electricity Construct simple circuits Circuit changes that dim bulbs Representing and constructing circuits	10.1, 10.2, 10.3, 10.4 10.10, 10.11, 10.12, 10.5–10.9 10.1
<b>Sc4.2</b> 2a 2b 2c 2d 2e	Forces and motion Magnetic forces Gravitational attraction Friction Opposing pushes and pulls Measuring forces	12.4, 12.1, 12.3 12.1, 12.2 11.4, 11.5 11.2 11.1, 11.9
<b>Sc4.3</b> 3a 3b 3c 3d 3e 3f 3g	Light and sound Light travels from a source Shadows Reflected light Seeing Sounds and vibrations Changing pitch and loudness Sound vibrations require a medium	13.5, 13.6, 13.7 13.7 13.10 13.4, 3.9.4 13.1, 13.2.1, 13.3 13.2.1, 13.2.3 13.1.3

Sc4.4	The	Earth	and	beyond
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Sun, Earth and Moon are spherical Apparent movements of the Sun Night and day Orbital times of Earth and Moon 4a 4b

14.1, 14.3.3 14.2.4 14.2.2, 14.2.4 14.2, 14.3, 14.4

4c 4d