

# Overview of Scientific Enquiry skills coverage KS1 Cycle B

Updated August 2021

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2	ALL YEAR	ADDITIONAL UNIT
<b>SCIENCE UNIT</b>	<b>OURSELVES AND SENSES</b>	<b>LIGHT AND DARK</b>	Everyday MATERIALS (Y1) Using MATERIALS (Y2)	<b>HABITATS</b>	<b>AMAZING ANIMALS</b>	<b>SOUND</b>	<b>WEATHER &amp; SEASONS</b>	<b>ELECTRICITY Y2</b>
<b>INVESTIGATION THEMES/TITLES</b> Y1, Y2, or both	Senses challenges 1,2 Favourite flavours 1,2	Making Reflectors 1,2 Dark room 1	Materials hunt/sort 1,2 Teddy Bear 1 Umbrella 2 Spills 2	What lives here? Woodlouse choice chamber 2	Garden survey 1,2	Signal makers 1,2	Seasonal/event Weather walks 1,2 Equipment 2	Simple circuits 2
<b>SCIENTIFIC METHODS PROCESSES &amp; SKILLS</b>								
Asking simple questions and realising that they can be answered in different ways	Senses challenges 1,2	Making Reflectors 1,2	Teddy Bear 1 Umbrella 2 Spills 2	Woodlouse choice chamber 2		Signal makers 1,2		
Observing closely using simple equipment	Senses challenges 1,2	Dark room 1	Teddy Bear 1 Umbrella/Spills 2	What lives here? Woodlouse choice chamber 2	Garden survey 1,2		Equipment 1 but mostly 2	
Observing change over time				Woodlouse choice chamber 2 Garden visits			Seasonal or event weather walks 1,2	
Performing simple tests	Senses challenges 1,2 Favourite flavours 1,2	Making Reflectors 1,2	Teddy 1 Umbrella/Spills 2	Woodlouse choice chamber 2		Signal makers 1,2		Simple circuits 2
Identifying and classifying			Materials hunt/sort 1,2	What lives here?	Garden survey 1,2			
Using their observations and ideas to suggest answers to questions	Senses challenges 1,2	Making Reflectors 1,2	Teddy Bear 1 Umbrella/Spills 2	Woodlouse choice chamber 2	Garden survey 1,2	Signal makers 1,2	Weather walks 1,2	Simple circuits 2
Gathering and recording data to help in answering questions	Senses challenges 1,2		Spills 2	What lives here?	Garden survey 1,2		Equipment 2 Weather charts 1	
Using secondary sources to find information	Topic books, internet	Topic books	Topic books 1,2	Outside organisations WWF,	Nature guides, topic books, internet, Outside organisations DSWF		Topic books, internet, BBC weather	Internet – <a href="http://www.switchedonkids.org">www.switchedonkids.org</a>