CUSP Science Mixed Age Sequence Content Progression

KS1	Autumn	Spring	Summer
Cycle 1	Living things and their habitats	Uses of everyday materials	Plants
2023 – 2024 (Year 2)	Animals, including humans	Revisit Living things and their habitats / materials	Revisit Living things and their habitats / Animals, including humans
Cuele 2	Seasonal changes and daily weather	Everyday materials	Plants
Cycle 2 2024 – 2025 (Year 1)	Introduce Plants – (trees)	Revisit 1: Animals, including	Revisit 2: Plants, Animals including
,	Animals, including humans	humans	humans
LKS2			
Cycle 1 2023 – 2024	Living things and their habitats	Animals, including humans	Electricity
(Year 4)	States of matter		Sound
Cycle 2 2024 – 2025 (Year 3)	Rocks Animals, including humans	Forces and magnets Plants	Plants continued Light
UKS2	Revisit Rocks		
Cycle 1 2023 – 2024	Electricity	Animals including humans (water transport)	Living things and their habitats
(Year 6)	Animals including humans (circulatory system)	Light	Evolution and inheritance
Cycle 2 2024 – 2025	Properties and changes of materials	Forces (Gravity and Galileo)	Living things and their habitats
(Year 5)	Animals, including humans	Earth in space	Forces continued





Sequence overview for Mixed Age Sequence including Strong Start and Reference Lessons

KS1 CYCLE 1 – Science 2023 – 2024 Year 2

Entry point	□ Septe	ember 202	3 – Ju	ly 202	24				Key Stage 1 Science																	
		Strong Start		Au	tumn '	14 we	eks		Strong Start Spring 12 weeks									Sur	nmer 1	12 weeks						
KS1	SECURING Year 1	Science 	Science 	Science 	Science 	Science 	Science 	and t	iving th heir ha 6 KNs	bitats	Anim	Introdu als inclu humans 6KNs	uding	Science 		ses of Eve material: 6 KNs		and t	isit Living their habi iterials 3k	tats /	Science 	,	Y2 Plant 6Kns	s	Revisit things a hab	/2 2 living and their bitats KNs
Class	ADVANCING	Becoming a scientist	Ref lesson	Y1 KNs	Y2 KNs	Ref lesson	Y1 KNs	Y2 KNs	Becoming a scientist	Ref lesson	Y1 KNs	Y2 KNs	Ref lesson	Y1 KNs	Y2 KNs	Becoming a scientist		Y1 KNs	Y2 KNs	Y1 KNs	Y2 KNs					
	Year 2		6 sessions 6 sessions				6 sessions			5 sessions (+2)				6 sessions			5 sessions (+2)									

KS1 CYCLE 1 – Science 2024 – 2025

Year 1

This means there are 2 spare sessions beyond the allocated science lessons to enrich, elaborate or consolidate learning.

Entry point		eptembe	r 2024	– July	2025						Cycle 2							
		Strong Start			Aı	utumn			Strong Start	Spring I I Summer								
KS1 Class	SECURING Year 1	Science Becoming a scientist	Y1 Seasonal changes and weather3 KNs Y1 Y2 KNs KNs		Y1 Introduce plants (trees) 3KN Y1 Y2 KNs KNs		Y1 Introduce Animals including humans 5 KNs		Science 	mate	eryday erials (Ns Y2 KNs	Animals hur	evisit 1 including mans KNs Y2 KNs	Science Becoming a scientist	Y1 P 3 K Y1 KNs		Animals	ond revisit s and Plants KNs Y2 KNs
	Year 2 3 sessions			3 sessions (+1 5 sessions enrichment opportunity) opportunity)				6 ses	ssions	5 sessi	ons (+2)		5 sessio	ons (+2)	6 ses	sions (+3)		



LKS2 CYCLE 1 – Science 2023 – 2024 Year 4

Starting point	Septe	mber 2023	– July 2024		Lower Key Stage 2 Science											
		Strong Start	Aut	tumn			Strong Start	Spring			Strong Start			ner		
LKS2 Class	SECURING Year 3 ADVANCING Year 4	Science I Becoming a scientist	Y4 Living thing and their habitats 6 KNs Ref Y3 KNs Y4 KNs 6 sessions	Ref lesso	tates of ma 6 KNs 73 KNs ons (+1 enrice	Y4 KNs	Science Becoming a scientist	Ref lesson	nimals incl humans 9 KNs Y3 KNs	Y4 KNs	Science I Becoming a scientist	Ref lesson	Electricity 3 KNs Y3 KNs ssions (+2	Y4 KNs		ound (Ns Y4 KNs

LKS2 CYCLE 2 – Science 2024 – 2025 Year 3 This means there are 2 spare sessions beyond the allocated science lessons to enrich, elaborate or consolidate learning.

Starting point	Septem		Lower Key Stage 2 Science																
		Strong Start		Αι	utumn 1	4 weeks	5		Strong Start		Spri	ring 12 weeks			Strong Start	Summe		er 12 weeks	
LKS2	SECURING Year 3	Science I	cience Y3 Rocks I 6 KNs		inclu hum	Y3 Animals including humans 3 KNs		Y3 Revisit Rocks 3 KNs		mag	ces and gnets KNs	6	Y3 Plants 3 KNs KNs in to		Science 		Plants · KNs	Y3 Light	
Class	ADVANCING	Becoming a scientist	Y3 KNs	Y4 KNs	Y3 KNs Y4 KNs		Y3 KNs Y4 KNs		Becoming a scientist	Y3 KNs	Y4 KNs	Ref lesson	Y3 KNs	Y4 KNs	Becoming a scientist	Y3 KNs		Y3 KNs	Y4 KNs
	ADVANCING Year 4		6 sessions 4 sessions (+1)				3 sessions + 1 enrichment opportunity			6 sessions		5 sessions (+2)			5 sessions (+2)		6 sessions (+3)		



Starting point	Septe	mber 2023	– July 2	2024					Upper Key Stage 2 Science										Cycle 1				
		Strong start		Α	utumr	14 we	eks		Strong start		Spri	ng 12 w	Strong start		Su	mmer	r 12 weeks						
	SECURING Year 5 ADVANCING Year 6	Science I		lectric KNs	city	Y6 Animals including humans (+ water transport) 7 KNs			Science I	inclu huma wa trans	nimals ading ans (+ ater sport) (Ns	*	Y6 Light 6 KNs		Science Becoming a		ing thing eir habit 6 KNs		Y6 Evolution and inheritance 6 KNs				
Class		Becoming a scientist	Ref lesson	Y5 KNs	Y6 KNs	Ref lesson	Y5 KNs	Y6 KNs	Becoming a scientist	Y5 KNs	Y6 KNs	Ref lesson	Y5 KNs	Y6 KNs	scientist ,	Ref lesson	Y5 KNs	Y6 KNs	Ref lesson	Y5 KNs	Y6 KNs		
	10010		5 ses	sions ((+2) ^	8 9	8 sessions (+1)			4 sessions (+1)		7 sessions (+1)				6 sessions			6 sessions		s		

LKS2 CYCLE 1 – Science 2024 – 2025 Year 5

This means there are 2 spare sessions beyond the allocated science lessons to enrich, elaborate or consolidate learning.

Starting point	Septe	ember 2024	– July i	2025		Upper Key Stage 2 Science												Cycle 2			
		Strong start		/	Autumi	า		Strong start		Spring Strong start Su								Summ	nmer		
UKS2	SECURING Year 5	Science I	Y5 Properties and changes of materials			Y5 Animals including humans 3 KNs		Science I	Y5 Forces 4 KNs			Y5 Earth in Space 5 KNs			Science I		ring thing eir habita 6 KNs		conti	orces inued (Ns	
Class	ADVANCING	Becoming a scientist	Ref lesson	Y5 KNs	Y6 KNs	Y5 KNs	Y6 KNs	Becoming a scientist	Ref lesson	Y5 KNs	Y6 KNs	Ref lesson	Y5 KNs	Y6 KNs	Becoming a scientist	Ref lesson	Y5 KNs	Y6 KNs	Y5 KNs	Y6 KNs	
	Year 6		8 sessions (+2)		5 sessions (+2)			5 sessions (+1)			5 sessions (+1)				6 sessions			5 sessions (+2)			

CUSP SCIENCE Handbook Intellectual content and design copyright © 2022 Unity Schools Partnership

