

Overview of Declarative Knowledge

Subject: SCIENCE

All Units of Science will be taught discretely; however, a Unit identified in Green will have links to your NICER Challenge pack and these can be made in appropriate planning across all lessons. Units identified in Red are likely to be unrelated to your NICER Challenge pack and therefore will be taught wholly discretely.

	Autumn	Spring	Summer
1	Far Far Away How can we connect with communities far far away?	Comics Can... How can we celebrate real life heroes through time?	Buckets and Spades Plan and design a gallery that brings the seaside to the city
	Plants Everyday Materials (part 1)	Everyday Materials (part 2) Animals including humans – focus on humans	Seasonal Changes Animals including Humans – focus on animals
	S1.1a, S1.1c, S1.1d	S1.1a, S1.1c, S1.1e	S1.1b, S1.1d, S1.1e
2	Sparks will Fly How can we tell stories of fire?	The Really Rural Show How can we bring the countryside to our city environment?	Up, Up and Away How can we make something fly?
	Animals including Humans	Living Things and their habitats Plants	Uses of Everyday materials
	S1.1a, S1.1c, S1.1d	S1.1a, S1.1b, S1.1c, S1.1d	S1.1a, S1.1c, s1.1d, S1.1e
3	Around the World in 80 Beats Compose an album of songs of the world	A Day at the Museum How can we run our own pop-up museum?	Catastrophe! How can we raise awareness and support those affected by a natural disaster?
	Plants Animals including humans	Forces and Magnets	Rocks Light
	S2.1a, S2.1e, S2.1f, S2.1h	S2.1a, S2.1b, S2.1c, S2.1d	S2.1a, S2.1b, S2.1g, S2.1i
4	Bolts n Bones How can we promote local health?	A Day at the Museum How can we run our own pop-up museum?	Crazy Contraptions How can we design a product which solves a problem?
	Animals including humans – focus on humans Living things and their habitats	States of matter	Sound Electricity
	S2.1a, S2.1c, S2.1d, S2.1e	S2.1a, S2.1b, S2.1g, S2.1i	S2.1a, S2.1b, S2.1f
5	Changemakers How can we raise awareness of a global issue?	Space Infinity How can we help people experience Space virtually?	Invade and Attack How can we re-enact the chronology of those who invaded Britain?
	Living things and their habitats	Earth and Space Forces	Properties and changes of materials
	S3.1a, S3.1c, S3.1e	S3.1a, S3.1b, S3.1d, S3.1f	S3.1a, S3.1b, S3.1c, S3.1d, S3.1e
6	Conflicts; Causes and Outcomes How can we capture first-hand perspectives of conflicts so that we can learn lessons from the past?	Goblin and Ghouls Create our own chronicles	Ballot Street Produce and launch the next Ballot Street Product
	Light Electricity	Animals including humans	Evolution and Inheritance Living things and their habitats
	S3.1a, S3.1c, S3.1d, S3.1e	S3.1a, S3.1c, S3.1e	S3.1a, S3.1c, S3.1f, S3.1e