

Year A

Year 1 and 2 (Year 2 obj.)	Autumn	Spring	Summer
Unit:	Use of everyday materials	Animals including humans Plants (First two lessons of spring term teaching knowledge, then weekly measurements of growing plants)	Living things and their habitats Plants (Continue measuring/observing plants, last few lessons of Summer 2 to consolidate learning)
Recap focus:	Year 1 – Animals including humans	Year 1 - Plants	Year 2 – Animals including humans
Class book:	Izzy Gizmo and the Invention Convention	Your Fantastic Elastic Brain Somebody Swallowed Stanley	The Lorax
TAPs	Materials hunt Rocket mouse (bar chart)	Handspans Living and non-living	Woodlice habitat (tally chart?) Nature spotters
PLAN know. matrices page no.	Page 20 Seasonal changes – Page 10	Page 18 Plants – Page 16	Page 13 Plants – Page 16
Statistics/diagram (minimums) to be linked to unit	Venn diagrams	Measure plant growth on a line graph (Whole class – could any attempt independently with some scaffolding?)	Carroll diagram when exploring differences between things that are living, dead and never alive

Year A

Year 3/4 (Year 4 obj.)	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit:	Animals including humans	Sound	States of matter	Living things and their habitats	Electricity	
Recap focus:	Yr 1-3 Animals including humans Yr 1 - ears	Yr 1-2 Everyday materials	Yr 1 Plants Yr 1 Animals inc. humans Yr 2 – Living thing	Year 3 Forces and magnets	Year 4 Consolidation	
Class book:	Book of Bones	Sonam and the Silence	The Story of Snow	Dear Greenpeace	The King who banned the dark	
TAPs	Teeth in liquid Digestion modelling	String phones Pitch	Biscuit dunking Melting ice	Local survey Litter pick	Electrical conductors	
PLAN know. matrices page no.	Page 36	Page 41	Page 38	Page 34	Page 44	
Statistics/diagram (minimums) to be linked to unit	Food chains		Bar chart (time taken for objects to melt)	Tally charts when gathering data Classification keys	Table (testing materials as conductors)	

Year A

Year 5/6 (Year 6 obj)	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit:	Animals including humans	Evolution and inheritance	Living things and their habitats	Light	Electricity	Recap KS2 curriculum objectives
Recap focus:	Prior learning on pg. 63 knowledge matrices	Yr 4 - 5 Living things and their habitats	Year 3 - Light	Year 4 - Electricity	KS2 objectives as needed	
Class book:	Animalium	Charles Darwin's on the Origin of Species	Wild World	Blackout	The King Who Banned The Dark	
TAPs	Heart rate poses (bar chart) Reaction catches	Create own adapted animal	Outdoor keys Flower sampling Yeast	Investigating shadows (Bar chart) Light questions	Own circuit investigations	
PLAN know. matrices page no.	Page 61	Page 63	Page 59	Page 65	Page 67	
Statistics/diagram (minimums) to be linked to unit	Scatter graph (heart rate)	Table when recording during experiment Pie chart?	Classification	Scatter graph (angle or distance of light source)		