

Science – 2020 Autumn 1 and Autumn 2 post-lockdown catch-up of key learning



Assess topics before end of Aut1 and Aut2 (e.g. multiple choice, mind map, etc.)

		AUTUMN		SPRING		SUMMER	
YEAR A	KS1	Rec Seasonal changes across autumn, winter, spring and summer – observe and describe weather and changes in day length Y1/2/3 Autumn1 Seed growth – planting seeds/bulbs, requirements for germination, caring/monitoring plant growth					
		Living Things <ul style="list-style-type: none"> Identify common wild and garden flowers Structure of plants 	Living Things <ul style="list-style-type: none"> Seed growth Planting seeds/bulbs 	Living Things <ul style="list-style-type: none"> Identify common trees Structure of trees 	Living Things <ul style="list-style-type: none"> Seed growth-requirements for plant germination 	Living Things <ul style="list-style-type: none"> Seed growth-caring/monitoring plant growth 	Y2/3 Autumn1 Materials <ul style="list-style-type: none"> Identify and describe properties of everyday materials Compare and group materials
	LKS2	Living Things <ul style="list-style-type: none"> Functions/structure of flowering plants Requirements for growth 	Living Things <ul style="list-style-type: none"> Water transportation Life cycle of flowering plants 	Rocks and Soils <ul style="list-style-type: none"> Compare and group rocks Formation of fossils How soil is formed 	Classification <ul style="list-style-type: none"> Classification of living things in local and wider environment 	Y4/5 Autumn1 Light <ul style="list-style-type: none"> Importance of light Protect eyes Reflection Shadow formation 	Y4/5 Autumn1 Electricity <ul style="list-style-type: none"> Construct simple series circuit (No equipment/practicals!) Common conductors/insulators
	UKS2	Y6 Autumn1 Classification <ul style="list-style-type: none"> Classification of living things <i>Scientist: Carl Linneas</i>	Y6 Autumn1 Life Cycles <ul style="list-style-type: none"> Reproduction in plants and animals <i>Naturalists: David Attenborough/Jane Goodall</i>	Humans <ul style="list-style-type: none"> Circulatory System 	Humans <ul style="list-style-type: none"> Diet/ exercise/ drugs/lifestyle 	Electricity <ul style="list-style-type: none"> Voltage of cells affect brightness/volume Conventional symbols 	Light <ul style="list-style-type: none"> Light travel in straight lines How we see Shadows
YEAR B	KS1	Seasonal changes across autumn, winter, spring and summer – observe and describe weather and changes in day length					
		R/Y1/2 Aut2 Habitats <ul style="list-style-type: none"> Simple food chain 	R/Y1/2 Aut2 Living Things <ul style="list-style-type: none"> Offspring Survival healthy living 	Living Things <ul style="list-style-type: none"> Identify common animals Carnivore/herbivore/omnivore 	Living Things <ul style="list-style-type: none"> Structure of common animals, including human body Senses 	Materials <ul style="list-style-type: none"> Identify and compare suitability of everyday materials 	Revisit Plants
	LKS2	Y3/4 Aut2 Humans <ul style="list-style-type: none"> Nutrition Functions of skeletons/ muscles 	Y3/4 Aut2 Humans <ul style="list-style-type: none"> Digestive system Teeth Food chains 	States of Matter	Magnetism	Sound	Revisit Light / Electricity
UKS2	Y5/6 Aut2 Living Things <ul style="list-style-type: none"> Evolution and Inheritance 	Y5/6 Aut2 Living Things <ul style="list-style-type: none"> Human changes Adaptation to survive 	Materials <ul style="list-style-type: none"> Properties and change of materials 	Earth and Space	Forces <ul style="list-style-type: none"> Gravity, friction Air/water resistance 	Forces <ul style="list-style-type: none"> Levers, pulleys and gears 	