

Science Catch-Up Plan
2021 – 2023



Class	Missed National Curriculum Statements (2020 – 2021)	Teacher Assessment Statement (Target Tracker)	Catch-up Plan	When?
Yr1	Identify and name a variety of common wild and garden plants including deciduous and evergreen trees	Name different plants and animals and describe how they are suited to different habitats [Yr2]	Y2 Habitats Unit	2021 - 2022
	Identify and describe the basic structure of a variety of common flowering plants, including trees	None	Y3 Plants Unit	2022 - 2023
	Observe and describe weather associated with the seasons and how day length varies.	Describe seasonal changes [Yr1]	Y2 Additional Unit	2021 - 2022
	Observe changes across the four seasons	Describe seasonal changes [Yr1]	Y2 Additional Unit	2021 - 2022
Yr2	Explore and compare the differences between things that are living, dead, and things that have never been alive	Identify whether things are alive, dead or have never lived [Yr2]	Yr4 Habitats Unit	2022 - 2023
	Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other	Name different plants and animals and describe how they are suited to different habitats [Yr2]	Yr4 Habitats Unit	2022 - 2023
	Identify and name a variety of plants and animals in their habitats, including micro-habitats	Name different plants and animals and describe how they are suited to different habitats [Yr2]	Yr4 Habitats	2022 - 2023
	Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food	Group animals according to what they eat [Y1]; Describe how animals get their food from other animals and/or from plants, and use simple food chains to describe these relationships [Yr2]	Yr4 Animals	2022 - 2023
Yr3	Compare how things move on different surfaces	Describe the effects of simple forces that involve contact (air and water resistance, friction) [Y5], that act at a distance (magnetic forces, including those between like and unlike magnetic pole) [Y3], and gravity [Y5].	Yr5 Forces	2022 – 2023
	Notice that some forces need contact between two objects, but magnetic forces can act at a distance		Yr5 Forces	2022 – 2023

Yr3	Observe how magnets attract or repel each other and attract some materials and not others		Yr5 Forces	2022 – 2023
	Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials	Group and identify materials [Y5], including rocks [Y3], in different ways according to their properties, based on first-hand observation; and justify the use of different everyday materials for different uses, based on their properties [Y5].	Yr5 Forces	2022 – 2023
	Describe magnets as having two poles	Describe the effects of simple forces that involve contact (air and water resistance, friction) [Y5], that act at a distance (magnetic forces, including those between like and unlike magnetic pole) [Y3], and gravity [Y5].	Yr5 Forces	2022 – 2023
	Predict whether two magnets will attract or repel each other, depending on which poles are facing		Yr5 Forces	2022 – 2023
Yr4	Describe the simple functions of the basic parts of the digestive system in humans	Name, locate and describe the functions of the main parts of the digestive [Y4], musculoskeletal [Y3], and circulatory systems [Y6], and describe and compare different reproductive processes and life cycles, in animals [Y5].	Yr5 Animals including humans	2021 – 2022
	Identify the different types of teeth in humans and their simple functions		Yr5 Animals including humans	2021 – 2022
	Construct and interpret a variety of food chains, identifying producers, predators and prey.	Construct and interpret food chains [Y4].	Yr5 Living things & their habitats	2021 – 2022
	Identify common appliances that run on electricity	Use simple apparatus to construct and control a series circuit, and describe how the circuit may be affected when changes are made to it; and use recognised symbols to represent simple series circuit diagrams [Y6].	Yr6 Electricity	2022 – 2023
	Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers		Yr6 Electricity	2022 - 2023
	Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery		Yr6 Electricity	2022 - 2023
	Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit		Yr6 Electricity	2022 - 2023
	Recognise some common conductors and insulators, and associate metals with being good conductors	Group and identify materials [Y5], including rocks [Y3], in different ways according to their properties, based on first-hand observation; and justify the use of different everyday materials for different uses, based on their properties [Y5].	Yr6 Electricity	2022 - 2023

Yr5	Describe the life process of reproduction in some plants and animals	Name, locate and describe the functions of the main parts of plants, including those involved in reproduction [Y5] and transporting water and nutrients [Y3]. describe and compare different reproductive processes and life cycles, in animals [Y5].	Yr6 Living things & their habitats	2021 - 2022
	Describe the changes as humans develop to old age.	Name, locate and describe the functions of the main parts of the digestive [Y4], musculoskeletal [Y3], and circulatory systems [Y6], and describe and compare different reproductive processes and life cycles, in animals [Y5].	Yr6 Animals including humans	2021 - 2022
Yr6	Recognise that light appears to travel in straight lines	Use the idea that light from light sources, or reflected light, travels in straight lines and enters our eyes to explain how we see objects [Y6], and the formation [Y3], shape [Y6] and size of shadows [Y3].	KS3 Curriculum: Light Waves	2021 – 2024
	Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes		KS3 Curriculum: Light Waves	2021 - 2024
	Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye		KS3 Curriculum: Light Waves	2021 - 2024
	Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them		KS3 Curriculum: Light Waves	2021 - 2024