

Curriculum Checker

Subject: **Science**

✓ Main Programme of Study

✓ Linked Programme of Study



Subject Area	Code	Programme of Study	Year 4 ILP Choices					
			Potions	Playlist	Burps, Bottoms and Bile	Traders and Raiders	Road Trip USA!	Blue Abyss
Animals (Including Humans)	Sc A 1 Y4	Describe the simple functions of the basic parts of the digestive system in humans.			✓			
Animals (Including Humans)	Sc A 2 Y4	Identify the different types of teeth in humans and their simple functions.			✓			
Animals (Including Humans)	Sc A 3 Y4	Construct and interpret a variety of food chains, identifying producers, predators and prey.						✓
Electricity	Sc E 1 Y4	Identify common appliances that run on electricity.					✓	
Electricity	Sc E 2 Y4	Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.					✓	✓
Electricity	Sc E 3 Y4	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.					✓	
Electricity	Sc E 4 Y4	Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.					✓	
Electricity	Sc E 5 Y4	Recognise some common conductors and insulators, and associate metals with being good conductors.					✓	
Living Things and their Habitats	Sc LT 1 Y4	Recognise that living things can be grouped in a variety of ways.						✓
Living Things and their Habitats	Sc LT 2 Y4	Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.						✓
Living Things and their Habitats	Sc LT 3 Y4	Recognise that environments can change and that this can sometimes pose dangers to living things.						✓
Sound	Sc S 1 Y4	Identify how sounds are made, associating some of them with something vibrating.		✓				
Sound	Sc S 2 Y4	Recognise that vibrations from sounds travel through a medium to the ear.		✓				
Sound	Sc S 3 Y4	Find patterns between the pitch of a sound and features of the object that produced it.		✓				
Sound	Sc S 4 Y4	Find patterns between the volume of a sound and the strength of the vibrations that produced it.		✓				

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			Potions	Playlist	Burps, Bottoms and Bile	Traders and Raiders	Road Trip USA!	Blue Abyss
Sound	Sc S 5 Y4	Recognise that sounds get fainter as the distance from the sound source increases.		✓				
States of Matter	Sc SM 1 Y4	Compare and group materials together, according to whether they are solids, liquids or gases.	✓					
States of Matter	Sc SM 2 Y4	Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).	✓					
States of Matter	Sc SM 3 Y4	Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.						
Working Scientifically	Sc WS 1 LKS2	Ask relevant questions and using different types of scientific enquiries to answer them.			✓			✓
Working Scientifically	Sc WS 2 LKS2	Set up simple practical enquiries, comparative and fair tests.	✓		✓		✓	✓
Working Scientifically	Sc WS 3 LKS2	Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.	✓	✓	✓		✓	✓
Working Scientifically	Sc WS 4 LKS2	Gather, record, classify and present data in a variety of ways to help in answering questions.	✓		✓		✓	✓
Working Scientifically	Sc WS 5 LKS2	Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.	✓	✓	✓		✓	✓
Working Scientifically	Sc WS 6 LKS2	Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.	✓	✓	✓		✓	✓
Working Scientifically	Sc WS 7 LKS2	Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.	✓	✓	✓		✓	
Working Scientifically	Sc WS 8 LKS2	Identify differences, similarities or changes related to simple scientific ideas and processes.		✓	✓		✓	
Working Scientifically	Sc WS 9 LKS2	Use straightforward scientific evidence to answer questions or to support their findings.	✓		✓			✓