## New Science Curriculum - Year 4

Living things and their habitats	
•	I can recognise that living things can be grouped in a variety of ways
•	I can explore and use classification keys to help group, identify and name a variety
	of living things in their local and wider environment
•	I can recognise that environments can change and that this can sometimes pose
	dangers to living things.
Animals, including humans	
•	I can describe the simple functions of the basic parts of the digestive system in
	humans
•	I can identify the different types of teeth in humans and their simple functions
•	I can construct and interpret a variety of food chains, identifying producers,
	predators and prey.
States of matter	
•	I can compare and group materials together, according to whether they are solids,
	liquids or gases
•	I can 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)
•	I can identify the part played by evaporation and condensation in the water cycle
	and associate the rate of evaporation with temperature.
Sound	
•	I can identify how sounds are made, associating some of them with something
	vibrating
•	I can recognise that vibrations from sounds travel through a medium to the ear
•	I can find patterns between the pitch of a sound and features of the object that
	produced it
•	I can find patterns between the volume of a sound and the strength of the
	vibrations that produced it
•	I can recognise that sounds get fainter as the distance from the sound source
increases.	
Electricity	
•	I can identify common appliances that run on electricity
•	I can construct a simple series electrical circuit, identifying and naming its basic
	parts, including cells, wires, bulbs, switches and buzzers
•	I can 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
•	I can recognise that a switch opens and closes a circuit and associate this with
	whether or not a lamp lights in a simple series circuit
•	I can recognise some common conductors and insulators, and associate metals with

being good conductors.