



**Coverage of Science LKS2 objectives – Year B**

KS2	Objective	Working towards (pupil initials)	Expected (no. of pupils)	Greater depth (pupil initials)
Autumn Term (Year B)	<p><b>Y4 POS - Living things and their habitats</b> 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.</p> <p><b>Working Scientifically</b> I can raise different types of questions. I can record using a branching database. I can communicate using a table and bar chart. I can present conclusions. I can use evidence to refute or support ideas.</p>			
Spring Term (Year B)	<p><b>Y3 POS - Animals, including humans</b> I can identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. I can identify that humans and some other animals have skeletons and muscles for support, protection and movement.</p> <p><b>Working Scientifically</b> I can identify the correct type of enquiry to answer a question. I can set up a comparative test. I can record using drawings. I can record data using a table and bar chart. I can record using a scatter graph. I can report findings from enquires, include oral and written explanations, displays or presentations of results and conclusions. I can use evidence to answer questions or to support their findings.</p> <p><b>Y4 POS - Electricity</b> 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.</p> <p><b>Working Scientifically</b> I can set up a simple practical enquiry. I can record using drawings. I can use results to make predictions.</p>			



<p>Summer Term (Year B)</p>	<p><b>Y3 POS - Plants (focus on life cycles)</b> I can explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</p> <p><b>Working Scientifically</b> I can make systematic and careful observations. I can use scientific evidence to answer questions or support findings.</p> <p><b>Y4 POS - Animals, including humans</b> 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.</p> <p><b>Working Scientifically</b> I can identify the correct type of enquiry to answer a question. I can set up a comparative test. I can record using labelled diagrams. I can report findings using written explanations from an enquiry. I can use evidence to answer questions or to support their findings.</p>			
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