

Science Year 2 and Year1 2026-27 B SOL

Yr2	1.1	WDIKA Habitats	Scenarios to prove if a thing was living once, dead, living or never lived giving reasons	Why do animals and plants like to live in different places?	Investigate adaptations of some animals and plants (habitats to explore desert polar region ocean)	Sort and classify animals and plants based on what habitat you would find them using Venn Diagrams	Create simple food chains to show interdependence between plants and animals	Assessment	To know the 7 life processes Understand why different animals live in different places Create simple food chains	micro habitats micro-habitat food chain litter woodland
Skills -Sc Enquiry—Year2 Sort objects and living things into two groups using a basic Venn diagram or simple table Ask a question that is looking for a pattern based on observations						Knowledge—Year2 Be able to explain why different animals live in different places Be able to create simple food chains				
Skills -Sc Enquiry—Year1 Be able to ask a Yes/No questions to aid sorting						Knowledge—Year1 Know the 7 life processes for living things				
	1.2	WDIKA Manmade or manufactured materials	names of different materials and their properties	Sorting materials according to their properties	Explore simple push and pull	Investigate Forces with relation to materials (friction and elasticity)	Investigate Properties of materials Absorption Insulation	Assessment	Understand use of the material is related to its properties	manufacture transparent brick natural manufactured impermeable metal
Skills -Sc Enquiry—Year2 Choose equipment to use and decide what to do and what to observe or measure to answer the question When appropriate, measure using standard units where all the numbers are marked on the scale							Knowledge—Year2 Be able to explain how properties help decide the materials' purpose			
Skills -Sc Enquiry—Year1 Record data in simple prepared tables, pictorially or by taking photographs							Knowledge—Year1 Understand purpose of a material depends on its properties			

Yr2	2.1	WDIKA Human life cycle	Know the stages in the life cycle of a human	Understand what is growth	How and why do we grow and change?	Investigate How growth affects the size of our body parts.	Assessment	Know the stages in the human life cycle Understand that reproduction is one of the life processes of a living thing Know what are the basic needs of animals including humans	reproduce Growth life cycle offspring live young
Skills -Sc Enquiry—Year2 Ask a question that is looking for a pattern based on observations Present what they learnt verbally						Knowledge—Year2 Be able to explain what animals need to grow			
Skills -Sc Enquiry—Year1 Record data in simple, prepared tables and tally charts						Knowledge—Year1 List the basic needs of living things			
	2.2	WDIKA Keeping Healthy	What are the food groups and how do they maintain a healthy body and help us in our growth.	Understand the role of nutrients and minerals.	Observation over time: How much food and drink do I have over a week?	Investigate Other than a healthy diet what else do we need to grow and keep healthy	Assessment	Understand healthy body is maintained by eating a balanced diet, exercising, resting, doing recreational activities and following hygiene. Know the food groups and the nutrients that we get from them. Know how each nutrient helps us to grow and be healthy.	nutrients hygiene balanced diet
Skills -Sc Enquiry—Year2 Talk about the number of objects in each group i.e., which has more or less Record data in simple, prepared tables and tally charts						Knowledge—Year2 Be able to know the nutrients in food groups and how they help us			
Skills -Sc Enquiry—Year1 Present what they learnt verbally						Knowledge—Year1 Name two nutrients and know how they help keep our body healthy			

Yr2	3.1	WDIKA— Parts of plant	Be able to know we can eat different parts of a plant	What is the food factory of a plant	How are flowers important	Importance of seeds Recognise some edible and non-edible seeds	Plan a fair test on conditions needed to germinate seeds	Assessment	Flowers produce seeds to make new plants We can eat different parts of a plant	germination trunk seed branch edible non-edible
Skills -Sc Enquiry—Year2 Identify the question to investigate from a scenario or choose a question from a range provided Answer their question in simple sentences using their observations or measurements						Knowledge—Year2 Be able to understand we eat different parts of a plant				
Skills -Sc Enquiry—Year1 Choose equipment to use Decide what to do and what to observe or measure to answer the question						Knowledge—Year1 Give examples of different parts of a plant we eat e.g. onion is a stem, carrot a root, etc				
	3.2	WDIKA— Plants in your surroundings	Plants are important	Know a few adaptations in plants (for example cacti)	Understand why most of the leaves are green	Investigate if cress seeds will grow quicker outside or inside.	How can we identify trees that we have observed outside?	Assessment	Importance of plants What do you need to grow a healthy plant Understand photosynthesis	photosynthesis reaction observe warmth
Skills -Sc Enquiry—Year2 Ask a question about what might happen in the future based on an observation Record data in simple prepared tables, pictorially or by taking photographs Present what they learnt verbally or using pictures						Knowledge—Year2 Be able to understand photosynthesis				
Skills -Sc Enquiry—Year1 Answer their question in simple sentences using their observations or measurements Make observations linked to answering the question						Knowledge—Year1 Give a few adaptations in plants in different habitats				