

Science Year 1 /2 A 2025-2026											
Yr1/ 2 A	1.1	WDIK— Materials And their properties	Distinguish between an object and the material from which it is made	Identify, name and explain the purpose of a variety of everyday materials including, wood, metal, plastic, glass, water and rock	Compare and group together a variety of everyday materials based on their simple physical properties Absorb Insulate Waterproof	Choose the equipment, and question to investigate which material is best for making an umbrella.	Compare objects from observation Measure time using standard units Investigate the absorbency property of a material	To Talk about objects which has more or less properties to suit the purpose To be able to record observations using pictures Investigate the insulation property of a material	Assessment	Understanding the use of the material is related to its properties	absorb insulate absorbent opaque rough waterproof manufactured
Sc Enquiry---Yr1 Be able to compare objects based on obvious, observable features e.g., size, shape, colour, texture etc. Talk about the number of objects in each group i.e., which has more or less Identify the question to investigate from a scenario or choose a question from a range provided							Knowledge—Yr1 Be able to explain the purpose of different materials				
Sc Enquiry---Yr2 Choose equipment to use and decide what to do to answer the question When appropriate, measure using standard units where all the numbers are marked on the scale Record data pictorially or by taking photographs							Knowledge---Yr2 Be able to explain how properties help decide the materials’ purpose				
Yr1 /2 A	1.2	WDIK— Seasons	Make observations linked to how weather and clothing are related, consolidating insulate and absorb	Be able to present what they learnt verbally, using pictures of symbols to show the weather	Choose what to observe when Investigating which material will make the darkest shadows	Make observations when Investigating shadows and their shapes	Record data in simple prepared tables, pictorially or by taking photographs Plot a graph to observe weather conditions	Assessment	Understand weather changes daily and climate is the weather over a long period over a large area. Shadow is formed when the material blocks the light	shadow climate weather overcast temperature sleet snow seasons	
Sc Enquiry---Yr1 Make observations linked to answering the question Record data pictorially or by taking photographs							Knowledge—Yr1 Be able to present what they learnt verbally, using pictures or block diagrams				
Sc Enquiry---Yr2 Record data in simple prepared tables Choose what to observe or measure to answer the question							Knowledge---Yr2 Give reasons why it is difficult to predict the weather				
Yr1/ 2 A	2.1	WDIK— Animals	Sort animals according to their food habits and habitats using and completing Venn diagrams	Sort animals according to the presence of backbone or not using and completing the Venn Diagram	Use and complete simple keys to classify vertebrates and invertebrates	Give at least two different characteristics to classify animals	Investigate minibeast habitats Look for patterns and ask questions to explain your observations	Assessment	Animals can be grouped based on their food habits and the presence or absence of a backbone Be able to sort and classify using keys	Invertebrate vertebrate amphibian bird fish mammals reptiles	
	Sc Enquiry---Yr1 Be able to use a simple key to classify Be able to compare organisms based on obvious, observable features e.g., size, shape, colour, texture etc. Sort objects and living things into two groups using a basic Venn diagram						Knowledge—Yr1 Able to give at least two different characteristics to classify animals and minibeasts				
	Sc Enquiry---Yr2 Sort objects and living things into two groups using a basic Venn diagram by suggesting the labels for the Venn diagram Ask a question that is looking for a pattern based on observations Be able to complete simple keys to classify						Knowledge---Yr2 Be able to explain why different animals live in different places				
	2.2	WDIK— The human body and its parts	Ask simple questions and give answers about how our sense organs help us	Investigation— Look for patterns between people e.g. Do people with big hands have big feet?	To be able to answer their questions using simple sentences when Investigating How the body changes as we grow	Investigate functions of Senses and present findings using simple sentences or verbally	Investigate What is impairment	Assessment	To know the functions of our 5 senses What does growth mean	impairment teeth elbow sight thumb toes	
Sc Enquiry---Yr1 Ask one or two simple questions linked to a topic Present what they have learnt verbally or using pictures Be able to answer their questions using simple sentences							Knowledge—Yr1 Be able to state functions of 5 senses.				
Sc Enquiry---Yr2 Ask a question that is looking for a pattern based on observations Present what they learnt using simple sentences							Knowledge—Yr2 Be able to explain what animals need to grow				
Yr1/ 2 A	3.1/ 3.2	WDIK— Plants	Name and label parts of a plant Root, stem, leaves, trunk, branch, flower, bulb.	Importance of plants Know the functions of a root	Plan an investigation to find out what conditions are essential for seeds to grow	Grow plants from other parts of a plant other than using seeds	Benefits of eating fruits and vegetables on our health	Assessment	To know and label the parts of the plant (leaves, trunk, flowers, stem, root, branch, bulb) To know the functions of root To know what a plant needs to grow and that we can grow plants from seeds and other parts of a plant	nutrition timber bulb deciduous evergreen shoot wild	
Sc Enquiry Present what they learnt verbally or using pictures Ask a question that is looking for a pattern based on observations							Knowledge Be able to label parts of a plant and give the function of a root of a plant				
Sc Enquiry---Yr2 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—Yr2 Give functions of root, stem and leaves				

