

	Autumn		Spring		Summer	
Year 1	Animals including humans Identifying and classifying animals The human body and its senses		Materials Everyday materials and their properties		Seasonal Changes	Plants Identify common plants, trees and its basic structure
	Investigation: Can you leap like a frog? What can we do with our hands? What can worms sense? Why do we have two eyes? What is camouflage for? Whose poo?		Investigation: Can you be a super hero? How does it feel? What keeps us dry? How does it move? What makes the loudest sound?		Investigation: Does it snow in summer? How do leaves change?	Investigation: Are all leaves the same? Do pine cones know it's raining?
Year 2	Plants Observe how plants grown and what they need to survive	Animals including humans What humans need to survive	Materials Uses of everyday materials	Plants Observe how plants grown and what they need to survive	Living things and their habitats Habitats Micro-habitats Simple food chains	
		Investigation: How do germs spread? Why should I exercise?	Investigation: Do all balls bounce? Can you make a paper bridge? Why do boats float?	Investigation: Can seeds grow anywhere? How does grass grow?	Investigation: Will it degrade? What is the life cycle of the ladybird? Where do worms like to live?	
Year 3	Rocks and Soils	Animals including humans Skeletons and muscles	Animals including humans Nutrition	Forces and Magnets	Light Shadows Protecting your eyes from the sun	Plants Life cycle of a plant Transportation of water from root to tip
	Investigation: How do fossils form?		What do owls eat? Which is the juiciest fruit?	Investigation: Can you block magnetism? How mighty are magnets? What does friction do? Why do magnets attract and repel?	Investigation: What are sunglasses for? Why do cat's eyes glow at night? Why do shadows change?	Investigation: What are flowers for? Why are trees tall?

Year 4	Animals including humans Teeth and digestion	Sound	Materials States of matter	Living things and their habitats Group and classify using a key Changes to environment	Electricity Conductors Create a circuit	
	Investigation: How does toothpaste protect teeth? What is spit for?	Investigation: Can we block sound? How can we change a sound? How far can sound travel?	Investigation: Are all liquids runny? How do smells get up your nose? Is custard a liquid? Where does water go? Why does it flood?	Investigation: Are all sea creatures the same? Can worms sense danger? How does a pollution affect habitats?	Investigation: Can you make a circuit from playdough? How do plugs work? What conducts electricity?	
Year 5	Forces and magnets	Earth and Space	Material Sort materials according to properties Recognise some materials dissolve Know that materials can be separated Reversible changes		Living things and their habitats Reproduction of plants and animals	Animals, including humans Changes as humans develop
	Investigation: Can we track the sun? How do we know the earth is round? How does the moon move?	Investigation: How do levers help us? What do pulleys do? Why are zip wires so fast?	Investigation: Can we clean dirty water? Do all solids dissolve? Which materials conduct heat? Why does a compass always point north? Why does milk go off? Will it erupt?		Investigation: How do worms reproduce? Why do birds lay eggs?	Investigation: Do we slow down as we get older?
Year 6	Evolution and inheritance	Living things and their habitats Classify plants, animals and micro-organisms	Light How light travels from the eye Reflection	Electricity Use symbols for circuit Brightness and volume compared to voltage	Animals, including humans Human circulatory system and the heart Impact of drugs, diet and exercise Transport of water and nutrients	
	Investigation: Can you see through it? How does light travel? What are reflections? What colour is a shadow?	Investigation: Can fruit light a bulb? Can you send a coded message? Can you turn a light down?	Investigation: How to animals stay warm? How does inheritance work? Why do birds have different beaks? Why is holly prickly?	Investigation: Why are things classified?	Investigation: How does blood flow? What can your heart rate tell you? What's in blood?	