

Long Term Plan

Year 1			
Year 1	Everyday Materials (identify and grouping) What materials can we find?	Animals including Humans (Human + Senses) How can we use our sense?	Plants (Y1) (identify and name) Are all plants the same?
		Animals including Humans (fish, amphibians, reptiles, birds, mammals) How are animals similar and different?	
	Seasonal Changes How does the world around us change over the year?		
Year 2			
Year 2	Living things and their habitats (identify habitats) Are all habitats the same?	Animals including Humans (Human exercise, nutrition + hygiene) What do all mammals need to survive?	Plants (Y2) (Conditions for growth) What does a seed need to grow?
	Everyday Materials (comparing materials) How can we compare materials?	Living things and their habitats (Food chains) How do different plants and animals survive in their habitats?	
Year 3/4			
Cycle A Year 3/4	Sound (Y4) What can affect the sounds we hear?	Electricity (Y4) Can electricity travel through a conductor?	Living things in their habitats (y4) Classification How can we classify living things in their environments?
	States of Matter (Y4) (Change of state Grouping materials together) Can temperature affect a material?	Forces (Y3) (friction + magnets) How does resistance and force impact an object?	Rocks (Y3) Do all rocks have the same physical properties?
Cycle B Year 3/4	Animals including humans (Y3) Nutrition + Skeleton Do all living things need a skeleton?	Light (Y3) What happens when light is blocked?	Plants (Y3) (Flowering plants + conditions for growth) How do flowering plants stay alive?
	Forces (Y3) (Friction + magnets) In what ways are magnets useful?	Living things in their habitats (Y4) Classification In what ways can we classify living things in their environments?	Animals including humans (Y4) Digestion + Teeth + food chains) What would our diet and bodies be like if humans had never had teeth?
Year 4/5			

Cycle A Year 4/5	Sound (Y4) Why are sounds we hear different?	Electricity (Y4) Can electricity travel through a conductor?	<i>Living things and habitats (Y5)</i> (Human life cycle Reproduction in plants and animals). How can environments change to pose danger to living things?
	States of Matter (Y4) Properties and changes of materials (Y5) Can temperature change a material?	Forces (Y5) (air resistance/water resistance) How does a force and simple mechanisms affect the movement of objects?	Rocks (Y3) Do all rocks have the same physical properties?
Cycle B Year 4/5	<i>Living things in their habitats (Y5)</i> (Human life cycle Reproduction in plants and animals). How are the life cycles of different plants and animals the same and different?	Earth and Space (Y5) Describe how day and night exists.	Light (Y3) How are shadows formed?
	Forces (Y5) (air resistance/water resistance) How does a force and simple mechanisms affect the movement of objects?	Animals including humans (Y 3 + 4) Y3 – Nutrition + Skeleton Y4 Digestion + Teeth + food chains) What would our diet and bodies be like if humans had never had teeth?	Plants (Y3) (Flowering plants + conditions for growth) How do flowering plants survive and grow?
Year 5/6			
Cycle A Year 5/6	States of Matter (Y4) Properties and changes of materials (Y5) Can temperature change a material?	Evolution and inheritance (Y6) In what ways are animals and plants suited to their environments, and how might these adaptations contribute to evolution?	<i>Living things and habitats (Y6)</i> Classification + reproduction. Do characteristics impact classification?
	Electricity (Y6) How can you change components' function?	Animals including humans (Y5 +Y6) Circulation + Healthy lifestyles. Gestation and puberty How do we keep our heart healthy?	Light (Y6) Does light always travel in straight lines?
Cycle B Year 5/6	Earth and Space (Y5) Can we prove Galileo was right?	Evolution and inheritance (Y6) How are animals and plants adapted to their environments, and how can these adaptations lead to evolution?	<i>Living things and habitats (Y6)</i> Classification + reproduction. How can we classify life?
	Electricity (Y6)	Animals including humans	Light (Y6)

	Describe variations in how components function	(Y5 +Y6) (Circulation + Healthy lifestyles, Gestation and puberty) How are things transported around our bodies?	Describe how we see objects.