

Long term plan mixed aged classes – two-year cycle

Cycle A						
Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Naming body parts. Talking about pets and who we live with at home.	Healthy eating. Testing materials-making a coat for Santa.	Water tray activities to explore water. Testing materials-making a boat.	Local environment. Seasons and making comparisons.	Looking after our EYFS area/ garden. Comparing transport.	Exploring minibeasts; creating bug hotel. Planting seeds/ plants.
Y1/2	Introduce Seasonal change Introduce Plants (Y1)	Revisit and retrieve Plants	Introduce Animals, including humans (Y1) (identify, name, describe, compare animals)	Revisit and retrieve Animals, including Humans (Y1)	Introduce Materials (Y1) (identify, name, describe, compare everyday materials)	Revisit and retrieve plants, animals including humans and seasonal change
Y3/4	Habitats - (Classification, environmental change)	Electricity - (simple circuits, conductors)	Animals, including humans - (Digestive system, teeth.	Animals, including humans – (food chains, producer, predators and prey)	States of matter - (Changing states, water cycle)	Light – (reflection, shadows, patterns)
Y5/6	Living things and their habitats – (Life cycles and reproduction)		Earth and Space – (Earth, planets, moons, day and night)	Animals including humans – (changes - babies to old age)	Properties and changes of materials – (grouping, changing of state, reversible/irreversible changes)	Forces – (gravity, resistance and mechanisms)

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Cycle B						
Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Naming body parts. Talking about pets and who we live with at home.	Healthy eating. Testing materials-making a coat for Santa.	Water tray activities to explore water. Testing materials-making a boat.	Local environment. Seasons and making comparisons.	Looking after our EYFS area/ garden. Comparing transport.	Exploring minibeasts; creating bug hotel. Planting seeds/ plants.
Y1/2	Introduce living things and their habitats - (living, dead, suitable habitats, basic needs, food chains)	Introduce animals including humans - (offspring, basic needs, exercise, hygiene)	Revisit Living things and habitats / Animals including humans	Introduce Everyday materials and their properties (suitability of materials, changing materials e.g. bending, squashing, stretching)	Introduce plants (Seed and bulb growth, keeping plants healthy and basic needs)	Revisit Plants and Animals including humans
Y3/4	Rocks - (group rocks, fossil formation, soil composition)	Animals, including humans - (nutrients and skeletal structures)	Forces and magnets - (friction, opposing forces)	Light- (sources, reflectors, shadows)	Plants - (parts, function, growth essentials)	Plants - (water transport, lifecycle)
Y5/6	Living things and their habitats – (classification animals and plants)		Phenomena of light – (how light travels, sources)	Advances circuits – (symbols, voltage, circuit variation)	Evolution, change and adaptation – (fossils, adaptation)	Animals including humans – (nutrients and water transportation)