	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Nursery	**Exploring the world around us** **Focus:** Senses (ours), materials (sand, dough, water) and seasonal changes (observing)		**Living things and growth** **Focus:** Plants (in school), animals (pets and farm) and life cycles (human and minibeasts in garden)		**Investigating change and the natural world** **Focus:** Change (over year), weather (through observations) and outdoor exploration (light, shadow, heat)	
Reception	**Exploring and Investigating** **Focus:** Observation (seasonal changes), materials (creative area, home life) and environment (local area and school grounds)		**Living things and life cycles** **Focus:** Plants (in school, local allotments), grouping animals (farm, zoo, pets) and growth (observations, height, appearance)		**Change, forces and the natural world** **Focus:** Weather (observations), forces (wind, pulling and pushing toys) and investigation (shadows, sunlight, melting and freezing)	
YEAR 1	Biology- Animals Physics- Seasons- Autumn	Biology-Animals cont. inc. senses Physics- Seasons Winter	S1 Physics- Seasons Winter Chemistry- Materials	Chemistry- continue materials	Physics- Seasons Spring Biology- plants	Physics- Summer Biology- plants
YEAR 2	Living things and their habitats	Uses of everyday Materials	Animals inc humans	Animals inc humans	Plants	Living things and their habitats
			Plants – sowing seeds and observing			
YEAR 3	Plants	Animals, including Humans	Light	Rocks	Plants	Forces & Magnets
	Do plants need sunlight to survive?	Completing a poster, exploring food groups.	Do transparent materials allow the most light to pass through them?	Completing a poster, showing the features of igneous, sedimentary and metamorphic rocks.	Revisit plants and growth – focus on enquriy	Which type of magnet has the strongest magnetic field?
YEAR 4	Living things and their habitats		Animals including Humans	Electricity	States of Matter	Sound

	How can we effectively classify living things and their habitats?		Oral presentation on the digestive system of a human	What components are needed to create a circuit?	How do the particles in each state of matter behave and change?	How do we make, hear and change sound?
YEAR 5	Forces	Earth & Space	Living things and their habitats	Animals, including Humans	Properties & Change of Materials	
	Forces investigations Air resistance investigations.	Using secondary sources for planetary distance & size	Flower investigation – what are minibeasts attracted to?	Continuing living things enquiries	Dissolving liquids to form a solution, solubility tests	
YEAR 6	Living things and their habitats	Animals including humans	Evolution and inheritance		Light	Electricity