

# Science Overview

	Physics		Chemistry	Biology		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Human body Finding out about themselves and babies Weather and seasonal change Adaption of animals to seasonal change		Weather and seasons Float and sink Melting and freezing Life cycles Wormery/composting Planting seeds: joint enquiries		Human body Healthy/unhealthy Life cycles - butterflies Plant growth Day and night Exploring Materials through a range of senses	
Reception	Seasonal changes (autumn impact) Push and pull Flying Broomstick Colour mixing Halloween Experiments Mixtures - properties and reactions Skeletons of animals Human skeleton Reptiles Animal habitats How do plants grow? Nutrition Animals that hibernate Plant life cycle	Day and night/sun and moon  Change in state of powder paint Animals habitats - nocturnal animals	Electricity Seasonal changes (winter impact) Gravity Ice/ snow investigations Change in state Use of materials - strength Predators and prey Food chains Animal habitats Arctic animals Habitats - woodland animals	Seasonal changes (spring impact) Balance, placement, weight Electricity Melting chocolate  Animal habitats Use of animals/plants Chick life cycle/eggs Plant growth Planting seeds	Seasonal changes (summer impact) Weather Patterns Rainbows  Rainbow skittles experiment What a plant needs to live Life cycle of a frog/butterfly Minibeasts/habitats Planting seeds	Forces Floating and sinking  Recycling materials  Making pizza - change in ingredients' state  Reflective properties  Health and nutrition Exercise Impact Hygiene Sea life Rock pool habitats
Y1	Seasonal Changes Plants					
	Everyday Materials	Animals including humans	Humans & Senses	Everyday Materials	Animals including humans	Animals including humans

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Y2	Everyday Materials	Physics Investigation Working Scientifically	Materials Investigation Working Scientifically	Animals including humans	Living things and their habitats	Living things and their habitats
Y3	Rocks	Light	Animals, including humans	Plants	Animals including humans	Forces and magnets
Y4	Living things and their habitats	Living things and their habitats	Animals, including humans	States of matter	Sound	Electricity
Y5	Materials - properties and changes	Materials - properties and changes	Living things and their habitats	Animals including humans	Earth and space	Forces
Y6	Electricity	Light	Animals including humans	Animals including humans	Living things and habitats	Evolution and inheritance