

Curriculum Intent and Breadth- Science



Science Intent

At Brook, our children as scientists, will be able to work scientifically, apply previous knowledge, to link theories and concepts. They are able to make predictions, carry out investigations, analyse data mathematically and draw conclusions linking to known scientific research. Children will also have an awareness of working safely.

	Autumn Term	Spring Term	Summer Term			
Pre-school	Liquids and solids Animals and their habitats Seasons Materials	Liquids and solids Seasons/ weather Animals and their habitats Shadows Materials Magnets	Liquids and solids Seasons/ weather Animals and their habitats Day and night Floating and sinking Materials Human body			
Reception	Homes – buildings/materials Our bodies All 5 Senses Electricity (creating light) Hibernation Nocturnal animals Weather/seasons- autumn Light and dark Shadows	Heating /freezing (changing states) Dissolves Push and pull Magnets Babies and adults Animals- parts of an animal Weather/seasons Space Woodland animals Life cycles Habitats	Dinosaurs Tree and flower recognition Plants Recycling/materials Weather/seasons Floating and sinking Planting/growing Parts of a plant Growth and decay Sea creatures Mini beasts			
Year 1						
Science focus	Seasonal Changes					
	Animals, including humans All about me	Animals, including humans All about animals	Everyday Materials <i>Exploring everyday materials</i> 1	Everyday Materials <i>Exploring everyday materials</i> 2	Plants	
Year 2						
Science focus	Everyday Materials	Animals, including humans <i>1 Growth</i>	Animals, including humans <i>2 Life cycles</i>	Living Things and Their Habitats	Plants	Living things and their habitats <i>Habitats around the world</i>
Year 3						
Science focus	Animals, including humans	Light	Rocks	Plants	Forces and Magnets	

Year 4					
Science focus	Electricity	States of Matter	Sound	Animals Including Humans	Living things and their habitats
Year 5					
Science focus	Earth and Space	Forces	Properties of Materials Changes of Materials	Living things and their habitats	Animals, including humans
Year 6					
Science focus	Light	Electricity	Living things and their habitats	Evolution and Inheritance	Animals Including Humans