

Here is an overview of the areas of Science taught in different year groups throughout the year. It is important to note that all children will be developing the skills of working scientifically. These types of scientific enquiry will include: observing over time; pattern seeking; identifying, classifying and grouping; comparative and fair testing (controlled investigations); and researching using secondary sources. Pupils will seek answers to questions through collecting, analysing and presenting data. They should begin to use simple scientific language to talk about what they have found out and communicate their ideas to a range of audiences in a variety of ways.

Year group	Autumn Term	Spring Term	Summer Term
EYFS	<ul style="list-style-type: none"> Floating and sinking Magnets/metal detectors 	<ul style="list-style-type: none"> Spring Floating and sinking Growing cress 	<ul style="list-style-type: none"> Mini beasts (life cycles, bug hunt, comparing mini beast) Waterproof Dissolving
Year 1	<ul style="list-style-type: none"> Plants, trees and animals Seasonal change: Autumn and Winter focus Living dead and never alive classification 	<ul style="list-style-type: none"> Animals, including humans; Senses and body parts, Seasonal change: Spring focus Properties of everyday materials; 	<ul style="list-style-type: none"> Animals, including humans Carnivore, herbivore, omnivore, Seasonal change: Summer focus Seasonal changes across all 4 seasons; Weather
Year 2	<ul style="list-style-type: none"> Sorting materials, Identify and classify, describe properties, Changing materials by squashing, bending, twisting and stretching. 	<ul style="list-style-type: none"> Plants Habitats 	<ul style="list-style-type: none"> Minibeasts and their habitat What humans need to survive Food chains and what they show.
Year 3	<ul style="list-style-type: none"> Light and dark Shadows and light safety Magnets Forces and friction 	<ul style="list-style-type: none"> Grouping rocks Comparing rocks Soil fossils 	<ul style="list-style-type: none"> Survival Human and animal diets food groups herbivores, omnivores and carnivores skeletons- human Changes in habitats and home
Year 4	<ul style="list-style-type: none"> Teeth Digestive system in humans. Electricity Circuits 	<ul style="list-style-type: none"> States of matter Solids, liquids and gases Sound – pitch and volume 	<ul style="list-style-type: none"> Living things and their habitats The water cycle Adaption

			<ul style="list-style-type: none"> Changing environments
Year 5	<ul style="list-style-type: none"> Life cycles and reproduction Effects of farming Planets Gravity, orbits day and night 	<ul style="list-style-type: none"> Air resistance Grouping materials Thermal insulators 	<ul style="list-style-type: none"> Changes of state Reversible and irreversible Separating materials Solutions Gravity Pulleys and levers Floating and sinking
Year 6	<ul style="list-style-type: none"> Evolution & inheritance Living things & their habitats incl classification 	<ul style="list-style-type: none"> Animals including humans Circularity system / effects of diet, exercise, drugs / describe ways nutrients & water are transported within animals incl humans. 	<ul style="list-style-type: none"> Electricity Light