



Whole School Overview 2021-22

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Me and My World	Colour, Light and Celebrations	Dream Big	Explore the wider world	How does your garden grow?	Are we nearly there yet?
Reception	Me and My World	Colour, Light and Celebrations	Dream Big	Explore the wider world	How does your garden grow?	Are we nearly there yet?
<i>The wildspace, veg garden, greenhouse and other outdoor areas are being developed and used please ask co-ordinator for up-to-date information</i>						
Year 1	Seasonal Changes Everyday Materials and their use	Everyday Materials and their use	Seasonal Changes Animals Including Humans	Animals Including Humans	Plants – growing and naming parts	Seasonal Changes Animals Including Humans
<i>Working scientifically across the year with topic related enquiries in each term</i>						
Enhancement activity or trip	<i>Summer term: Class trip to 'Be More Outdoor's, Slaithwaite. Focus on habitats & plant ID</i>					
Year 2	Uses of everyday materials comparing suitability	Uses of everyday materials Squashing and bending	Animals including humans - our bodies, off spring	Healthy life/eating Animal Life Cycles	Plants - growing plants & observing seed germination	Living things and their habitats – identifying habitats & what they provide
<i>Working scientifically across the year with topic related enquiries in each term</i>						
Enhancement activity or trip	<i>Spring term: Lambing live whole class visit to working farm Spring/Summer term: Working in the green house and the veg beds to grow vegetables</i>					
Year 3	Rocks – fossils and rock formation	Light – reflection, shadows, shadow size, sunlight can be dangerous	Forces & Magnets – attract and repel, poles, magnetic force	Forces & Magnets/ Rocks- appearance and physical processes,	Animals including Humans – skeletons, muscle support, nutrition	Plants & living things plant life cycle, functions of different parts of a plant
<i>Working scientifically across the year with topic related enquiries in each term</i>						
Enhancement activity or trip	<i>Autumn term: Whole class visit to National Coal Mining Museum</i>					
Year 4	Electricity – common appliances, electrical circuit, identify key parts of circuit, switches	States of matter Water cycle, condensation /evaporation water temperature, states of matter	Sound - vibration, pitch, volume	Sound/ Animals including humans basic digestive system, producer, predator, prey	Animals including humans Teeth & food chains	Living things and their habitats – groupings, classification, endangerment from change in habitat
<i>Working scientifically across the year with topic related enquiries in each term</i>						
Enhancement activity or trip	<i>Spring term: Whole class visit to Manchester Museum of Science & Industry</i>					
Year 5	Earth & Space Gravity Planets Solar System	Properties and changes of materials sieving, filtrations, evaporation	Properties and changes of materials –reversible and irreversible	Forces – re-cap on gravity, air & water resistance, pulleys leavers	Living things and their habitats life cycles reproduction plants/ animals	Animals including humans Life changes
<i>Working scientifically across the year with topic related enquiries in each term</i>						
Enhancement activity or trip	<i>Summer term: Whole class river walk focus on key language & water cycle Castleton day visit to Devil's Arse and Speedwell caverns</i>					
Year 6	Electricity Brightness and volume symbols & diagrams	Light- light sources, shadows, light travel, reflection, eyes	Evolution & inheritance Adaptation of humans & plants, life of Charles Darwin	Evolution & inheritance work done by scientist for last 2K years	Animals including humans circulatory system, impact of diet & exercise	Living things and their habitats classification, micro-organisms, plants & animals
<i>Working scientifically across the year with topic related enquiries in each term</i>						

Please note that this is a working document & to ensure that you are reading the most up-to-date document please follow the pathway below

Enhancement activity or trip	<i>Spring term: Whole class three day residential – environmental science focused activities</i> <i>Summer term: Whole class visit to working farm for Lambing live</i>
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