

Science Curriculum Map

Y1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Which material would be the most suitable to fix a broken umbrella? Materials Building on: Early years Leading to: Year 2 Autumn 1, 3 Autumn 2, 4 Autumn 1 and 5 Autumn 2. Seasonal changes-short unit NB: part of establishment week, start seasonal change display-permanent display of seasonal changes-photos of children/weather/plants/trees	What is the best material to absorb water? Materials Building on: Early years Leading to: Year 2 Autumn 1, 3 Autumn 2, 4 Autumn 1 and 5 Autumn 2. Seasonal changes-short unit Educational visit/Experience: Helping organise the Forest school coat trolley	Can I name the parts of the body? Animals including Humans Building on: Early years Leading to: Years 2 Summer 1 and 2, 3 spring 1,4 Spring 1, 5 Summer 1 and 6 Summer 2. Seasonal changes-short unit	How can we look after the trees and plants in our playground? Plants Building on: Early years Leading to: Years 2 Spring 2, and 3 Spring 2. Seasonal changes-short unit	How can we look after the animals in our playground? Animals Building on: Early years Leading to: Years 2 Spring 2, 3 Spring 1,4 Spring 1 and 5 Spring 2 Seasonal changes-short unit	Crest Award- chosen investigations linking to Year 1 units- revisit key knowledge Educational visit/Experience: Crest award Building on: all year 1 learning Rationale: Consolidation of all Science learning for the year and working towards achieving a Crest award

Y2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	How can the shapes of solid objects be changed? Materials Building on: Early years Leading to: Years 3 Autumn 2,4 Autumn 2, and 5 Autumn 1 and 2.	How do bulbs grow? Plants (Bulbs) Educational visit/Experience: Planting bulbs in Victoria Park Building on: Year 1 Spring 2 Leading to: Years 3 Spring 2 and 5 Spring 2.	What is a habitat and how does it support the animals and plants that live there? Living things and their habitats Building on: Year 1 Summer 1 Leading to: Years 4 Summer 1, 5 Spring 2 and 6 Spring 1. Educational visit/Experience: Soanes centre habitats workshop	How can I make my seeds grow? Plants Building on: Year 1 Spring 2 and Year 2 Autumn 2 Leading to: Years 3 Spring 2 and 5 Spring 2.	How can I keep my body healthy? Animals including humans Building on: Early years, year 1 Spring 1 Leading to: Years 3 Spring 1,4 Spring 1, 5 Summer 1 and 6 Summer 2.	

Y3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	How can we classify rocks? Materials-Rocks Building on: Early years Leading to: Educational visit/Experience: Natural history Museum-fossils workshop	How can I make objects move using magnets? Materials-Forces and magnets Building on: Early years Leading to: Year 5 Summer 2	What would happen if I didn't have a skeleton? Animals including humans Building on: Early years, Leading to: Years 4 Spring 1, 5 Summer 1 and 6 Summer 2	What are the functions of the parts of a flower? Plants Building on: Early years, years 1 and 2 Leading to: Year 5 Spring 2 Educational visit/Experience: Soanes Centre-wildflowers workshop	How are shadows formed? Light Building on: Early years Leading to: Year 6 Summer 1	Crest Award-chosen investigations linking to Year 3 units- revisit key knowledge Educational visit/Experience: Crest award Building on: year 3 learning Rationale: Consolidation of Science learning for the year (with a focus on plants, rocks and fossils and forces) and working towards achieving a Crest award

Y4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	How are solids, liquids and gases different? Materials-States of matter Building on: Early years, years 1, 2 and 3 Leading to: Year 5 Autumn 2	What effect does temperature have on solids? Materials Building on: Early years, years 1, 2 and 3 Leading to: Year 5 Autumn 2	How does my body digest food? Animals including humans Building on: Early years, years 1, 2 and 3 Leading to: Years 5 and 6 Living things and habitats lesson Educational visit/Experience: Centre of the Cell workshop	How do you construct a simple series electrical circuit? Electricity Building on: Early years, years 1 and 2 Leading to: Year 6 Spring 2	How can we group living things? Living things and their habitats Building on: Early years, year 2 Leading to: Years 5 Spring 2 and 6 Spring 1 Educational visit/Experience: Soanes centre-classifying minibeasts workshop	How are sounds made? Sound Building on: Early years

Y5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Which material would make the best container for food storage? Materials Building on: EYFS, Years 1, 2, 3 and 4 :	What are reversible and irreversible changes? Materials Building on: Years 1, 2, 3 and 4 and year 5 Autumn 1	What do we know about our solar system? Earth and space Educational visit/Experience: Royal Observatory, Greenwich-Shadows and sundials workshop Building on: EYFS	How do forces affect how things move? Forces Building on: Year 3	How do living things reproduce? Living things and their habitats (Life cycles and reproduction) Building on: Years 2 and 4 Leading to: Year 6 Spring 1	How do humans change as they develop to old age? Animals including humans (human changes and puberty) Building on: EYFS years 1,2,3 and 4 Leading to: Year 6 Autumn 1 and Summer 2

Y6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	How does light travel? Light Building on: EYFS, Year 3	How can I make a burglar alarm? Electricity Building on: Year 4	What is the human circulatory system? Animals including humans Building on: EYFS years 1,2,3,4 and 5	How do we classify living things? Living things and their habitats Building on: EYFS, Years 2,4,and 5	How have living things changed over time? Evolution and inheritance	How have living things changed over time? Evolution and inheritance