

Beech Class Science Plan

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
London Landmarks Materials Y1 EM1 – distinguish between an object and the material it is made from EM2 – identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock EM3 – describe the physical properties of a variety of everyday materials EM4 – compare and group materials based on their physical properties Year 2 EM1 – identify and compare the suitability of a range of materials for particular uses	Things that go Bump in the Night Animals – common animals of the British Isles with a focus on nocturnal animals Y1 AH1 Identify and name common animals – mammal, bird, amphibian, reptile Identify nocturnal animals AH2 identify herbivores, carnivores and omnivores Y2 LH2 identify that living things have a habitat to which they are suited/adapted LH5 describe how animals obtain their food from	African Adventure Animals – different habitats – adaptations – focus on the big 5 African animals Y1 Revision of and developing understanding in terms of the variety of animal life across the globe AH1 Identify and name common animals – mammal, bird, amphibian, reptile Identify nocturnal animals AH2 identify herbivores, carnivores and omnivores Y2 LH2 identify that living things have a habitat to which	Minibeasts Seasonal Changes Plants and animals in the immediate environment Life cycles Human growth Y1 SC1 observe changes across the seasons – understand signs of Spring time AH4 identify, name and label the basic parts of the human body Y2 AH1 understand that animals, including humans have offspring which grow into adults Understand the life cycle of a butterfly/moth	Ready, Steady, Grow Plants Y1 P1 Identify and name a variety of common wild and garden plants – including deciduous and evergreen trees P2 identify and describe the basic structure of a variety of common flowering plants including trees Y2 P1 observe how seeds and bulbs grow into mature plants P2 investigate the needs of a plant to grow and remain healthy	Victorians Food and humans Y2 AH3 describe the importance for humans of exercise, eating the right amount of different types of food and hygiene WS1 ask simple questions

EM2 – find out about how everyday materials can be changed by physical movement WS1 – ask simple scientific questions WS2 = observe closely using simple equipment WS3 – carry out simple tests WS7 – use scientific vocabulary	plants and other animals (simple food chains) WS1 ask simple scientific questions WS4 identify and classify WS8 notice patterns and relationships	they are suited/adapted LH5 describe how animals obtain their food from plants and other animals (simple food chains) WS1 ask simple scientific questions WS4 identify and classify WS8 notice patterns and relationships	WS6 gather, record and communicate data WS7 use scientific vocabulary	
---	---	---	---	--