

Wellesley Park Primary School Long Term Plan 2021-2022

Subject : Science

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
FS	Children can discuss similarities and differences in relation to, and places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary. They make observations of animals and plants and explain why somethings occur and talk about changes.					
1	Materials –name, identify, describe and compare	Seasonal Changes – Observe and describe weather	Animals – Name, identify and compare animals including carnivores etc.	Humans – parts of the body	Seasonal Changes – Observe and describe weather	Plants – identify plants and name basic structure
2	Habitats –suitability and examples of plants and animals in specific habitats and microhabitats	Humans – basic needs Animals - Offspring and basic needs Y1 Animals – Name, identify and compare animals including carnivores etc.	Materials – Compare suitability and movement on surfaces and how material can be changed		Plants – how seeds and bulbs grow/ needs of a plant	Living things – living and dead/food chains
3	Forces and Magnets – Movement on surfaces/repelling/ everyday materials/ poles	Light - Reflection/needs of light to see/ protection from sun Shadows- How they are formed and change	Humans – skeletons/muscles/nutrition Y1 Humans – parts of the body Y2 Animals - Offspring and basic needs	Humans – skeletons/muscles/nutrition	Rocks – name and group/fossils/soils	Plants –water transportation/life cycle/requirements for life and growth/functions of parts Y1 - Plants – identify plants and name basic structure Y1 Seasonal Changes – Observe and describe weather
4	Animals Humans – teeth and digestive system – Food chains	Sound – Vibrations/pitch Y3 Light –shadows How they are formed and change	Living things – Grouping and classifying and environments Y2 Living things – living and dead/food chains Y2 Humans – basic needs Y2 Plants – how seeds and bulbs grow/ needs of a plant	States of Matter – solids/liquids/gases Heating and cooling	States of Matter solids/liquids/gases water cycle	Electricity – circuits and diagrams/insulators/common appliances
5	Space – solar system/moon/rotation	Forces – Gravity/air and water resistance/ friction/effect of levers, pulleys and gears	Living things – Life cycles/reproduction Y4 Living things – Grouping and classifying and environments	Properties of Material – Groups and sort materials/uses of materials Y3 Rocks – name and group/fossils/soils	Properties of Material – Dissolving/solids liquids and gases/ reversible changes	Humans -aging Y3 Humans – skeletons/muscles/nutrition Y3 Plants –water transportation/life cycle/requirements for life and growth/functions of parts
6	Humans - Circulatory system/diet/nutrients and water systems	Evolution Fossils/offspring/adaptation	Light – how it travels	Electricity – Voltage/function of components/circuit diagrams	Living things - classification Y5 Living things – Life cycles/reproduction	Y4 solids/liquids/gases Heating and cooling Y4 water cycle

				Y4 Electricity – circuits and diagrams/insulators/common appliances		
Working Scientifically	Ask Questions	Set up an enquiry	Observe and measure	Record	Interpret and report	Evaluation

Spring 2 2020 – 4/6 weeks in school completed	Summer 1 2020 – All children home school learning	Summer 2 2020 – All children home school learning	Spring 1 2021 – School/home learning
-2019-2020			2020-2021