BURLISH PARK PRIMARY SCIENCE CURRICULUM MAP

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
R	Body senses Environmental changes. Making healthy choices	Living things Animal and habitats	Looking after ourselves. Changes in environment Environmental changes (the world around us) every term with seasons. Animal and habitats (every term)		Healthy Eating Similarities and differences in the world around us.	
1	**Animals, including humans** Identify, name, draw and label body parts and senses.	**Animals, including humans** Identifying fish, amphibians, reptiles, birds and mammals, classification of carnivores, herbivores and omnivores.	**Plants** Identify and naming plants. Animals of the Antarctic, habitat and food sources.	**Everyday materials** Sorting, describing and naming basic common materials.	**Animals, including humans** Identify, name, draw and label body parts and senses.	Seasonal changes to be taught throughout the year
2	**Animals, including humans** Basic needs, eating the right amounts of different types of food and hygiene	**Uses of everyday materials** Identify and compare materials.	**Properties of everyday Materials.** Materials can be changed by squashing, bending, twisting and stretching	**Living things and their habitats** Living and dead, animal/human offspring. Habitats, food chains and simple adaptations.	**Plants** How seeds grow and what plants need to thrive.	Objectives relevant to current/relevant topics.
3	**Light** Seeing, reflection, and shadows.	**Animals, including humans** Nutrition, skeletons and muscles.	**Forces and magnets** Magnetic forces, actions of magnets, non/magnetic materials	**Plants** Flowering plants, requirements for growth, transportation, life cycle of plants.	**Rocks** Compare and group rocks, fossils and soil.	

4	**Electricity** Basic circuit components, electrical appliances, conductors and insulators.	**Sound** How sounds are made, the ear, find patterns between the pitch, volume of a sound and the strength of the vibrations that produced it, how sound reduces as its sources gets further away.	**States of matter** Solids, liquids or gases, changes of state. Evaporation and condensation in the water cycle.	**Animals, including humans** Digestive system, teeth,.	**Living things and their habitats** Classification, changes in environment and dangers this poses, food webs	
5	**Earth and space** Earth, planets, day/night.	**Forces** Gravity, air resistance, water resistance and friction, that act between moving surfaces, levers and pulleys.	**Properties of changing material** Grouping materials by properties, solids, liquids and gases ,changes of state	**Living things and their habitats** Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals.		**Animals, including humans** Describe the changes as humans develop to old age.
6	**Living things and their habitats** Classifying micro-organisms, plants and animals.	**Animals including humans** Human circulatory system, the functions of the heart, blood vessels and blood, impact of diet, exercise, drugs and lifestyle nutrients and water transportation within animals, including humans.	**Evolution and inheritance** Fossils, living producing offspring, adaptation.	**Light** How light travels, shadows, how eyes see.	**Electricity** Circuit symbols, effects of cells in circuits.	Revision.

Topics sometimes run for more/less than a half term. The table shows broadly when science is taught throughout the school year.