

SCIENCE Long Term Planning – Summary of YEAR 2 Units

AUTUMN 1	AUTUMN 2
<p>Living Things & Their Habitats</p> <ul style="list-style-type: none"> - Explore and compare the differences between things that are living, dead, and things that have never been alive - Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other - Identify and name a variety of plants and animals in their habitats, including microhabitats - Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food <p>(Continued in Summer 1)</p>	<p>Animals including humans</p> <ul style="list-style-type: none"> - Notice that animals, including humans, have offspring which grow into adults - Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) - Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene
SPRING 1	SPRING 2
<p>Everyday Materials</p> <ul style="list-style-type: none"> - Identify the uses of everyday materials in a familiar location (eg school or home), recording their findings - Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses - Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching - Study the work of famous scientists (John Dunlop, Charles Macintosh, John McAdam) in developing materials for specific purposes <p>(Continued in Spring 2)</p>	<p>Everyday Materials</p> <ul style="list-style-type: none"> - Identify the uses of everyday materials in a familiar location (eg school or home), recording their findings - Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses - Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching - Study the work of famous scientists (John Dunlop, Charles Macintosh, John McAdam) in developing materials for specific purposes
SUMMER 1	SUMMER 2
<p>Living Things & Their Habitats</p> <ul style="list-style-type: none"> - Explore and compare the differences between things that are living, dead, and things that have never been alive - Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other - Identify and name a variety of plants and animals in their habitats, including microhabitats - Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name 	<p>Plants</p> <ul style="list-style-type: none"> - Describe the different plant parts and give examples of different foods that we eat which are derived from these plant parts (eg rhubarb – stem, carrot – root) - Observe and describe how seeds and bulbs grow into mature plants - Recognise that plants produce seeds in order to reproduce and generate new plants - Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy - Make comparisons between seeds or bulbs grown in different conditions (eg with and without light or water)

different sources of food

- Describe how bulbs help plants to grow in winter