

KS1 Science – Reception to Year 2

		HT1 Our Body	HT2 Our Senses	HT3 Our World	HT4 Our Home	HT5 Our Earth	HT6 Our Solar System
Learning outcomes/composite knowledge: Pupils will be able to...		<p>LO1: Identify things that are living, dead and never been alive</p> <p>LO2: Identify the basic parts of the human body</p> <p>LO3: Identify the things that animals, including humans, need for survival</p>	<p>LO1: Identify the parts of the human body associated with each sense</p> <p>LO2: Identify how animals obtain their food and its source of food</p> <p>LO3: Identify everyday materials and some of their basic properties</p>	<p>LO1: Identify one animal from each of the 5 classes of animals</p> <p>LO2: Describe the structure of common animals</p> <p>LO3: Identify animals that are herbivores, omnivores and carnivores</p>	<p>LO1: Identify deciduous and evergreen trees</p> <p>LO2: Identify the basic structure of trees</p> <p>LO3: Describe how habitats provide the components to sustain life</p>	<p>LO1: Describe the physical properties of common everyday materials</p> <p>LO2: Describe how the shape of some common objects can be changed</p>	<p>LO1: Identify the changes associated with each season</p> <p>LO2: Identify the weather associated with each season</p>
Knowledge Components	Summative Knowledge:	<p>Know the differences between things that are living, dead and never been alive.</p> <p>Know the basic parts of the human body</p> <p>Know that humans need food, air and water to survive.</p> <p>Know that humans keep healthy by exercising, eating the right foods and being hygienic.</p> <p>Know that humans give birth to offspring who will grow into adults.</p>	<p>Know the part of the human body is associated with each sense</p> <p>Know how animals obtain their food from plants and other animals</p> <p>Know the names of different food sources</p> <p>Know that objects are made of different materials</p> <p>Know the properties of some everyday materials</p>	<p>Know the names of some common animals.</p> <p>Know the basic structures of some common animals.</p> <p>Know that carnivores eat meat</p> <p>Know that herbivores eat plants.</p> <p>Know that omnivores eat both meats and plants.</p>	<p>Know the names of common wild and garden plants including deciduous and evergreen trees</p> <p>Know the basic structures of flowers.</p> <p>Know the basic structures of trees.</p> <p>Know that plants grow from seeds.</p> <p>Know some habitats that harbour common and uncommon animals.</p> <p>Know that plants need water, light and a suitable temperature to grow and stay healthy</p> <p>Know that plants and animals need each other for survival.</p>	<p>Know the physical properties of common everyday materials.</p> <p>Know that the shapes of objects can be changed.</p>	<p>Know that each season is characterised by specific changes.</p> <p>Know the weather associated with each season.</p> <p>Know that days are longer on Summer and shorter on Winter.</p> <p>Know that plants change throughout the seasons.</p>
	Disciplinary Knowledge:	<p>Know how to group things that living dead and never been alive.</p>	<p>Know how to label parts of the human body associated with each sense.</p>	<p>Know how to group animals into their 5 main classes, using a table.</p>	<p>Know how to grow plants from seeds.</p>	<p>Know how to group the properties of common</p>	<p>Know how to observe the changes across each of the 4 seasons.</p>

		HT1 Our Body	HT2 Our Senses	HT3 Our World	HT4 Our Home	HT5 Our Earth	HT6 Our Solar System
		<p>Know how to draw the basic parts of the human body.</p> <p>Know how to identify the basic needs of humans from a table.</p>	<p>Know how to draw a simple food chain for at least one habitat.</p> <p>Know how to group objects based on the materials from which they are made.</p>	<p>Know how to observe the structure of animals in each of the 5 main classes.</p>	<p>Know how to grow plants from bulbs.</p> <p>Know how to observe deciduous and evergreen trees.</p> <p>Know how to label parts of a plant/ tree.</p>	<p>everyday materials using a table.</p> <p>Know how to change the shape of an object.</p> <p>Know how to record results in a simple results table.</p>	<p>Know how to observe and group the weather patterns in each season.</p> <p>Know how plants change throughout one year.</p>
National Curriculum reference		<p>Explore and compare the differences between things that are living, dead and never been alive.</p> <p>Identify, name, draw and label the basic parts of the human body.</p> <p>Find out about the basic needs of animals, including humans for survival (water, food, and air)</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</p> <p>Notice that animals, including humans have offspring which grow into adults</p>	<p>Identify, name, draw and label the part of the human body is associated with each sense</p> <p>Describe how animals obtain their food from plants and other animals, using the ideas of a simple food chain, and identify and name different sources of food.</p> <p>Distinguish between an object and the material from which it is made</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal</p> <p>Describe the simple properties of a variety of materials</p>	<p>Identify and name a variety of common animals, including fish, amphibians, reptiles, birds and mammals</p> <p>Describe and compare the structure of a variety of common animals</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores</p>	<p>Identify and name a variety of common wild and garden plants including deciduous and evergreen trees</p> <p>Identify and describe the basic structure of a variety of common flowering plants including trees</p> <p>Observe and describe how seed and bulbs grow into mature plants</p> <p>Find out and describe why plants need water, light and a suitable temperature to grow and stay healthy</p> <p>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.</p> <p>Identify and name a variety of plants and animals in</p>	<p>Compare and group together a variety of materials on the basis of their simple and physical properties.</p> <p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</p>	<p>Observe changes across the four seasons</p> <p>Observe and describe the weather associated with the seasons and how day length varies.</p> <p>Changes in plants over a year</p>

	HT1 Our Body	HT2 Our Senses	HT3 Our World	HT4 Our Home	HT5 Our Earth	HT6 Our Solar System
				their habitats including mircohabitats		