

Science

Long term plan

Key Stage 1					
Cycle	Autumn	Spring		Summer	
A	<p>Everyday materials <i>Floating/sinking/absorbent/waterproof</i></p> <ul style="list-style-type: none"> distinguish between an object & the material from which it is made identify & name a variety of everyday materials, including wood, plastic, glass, metal, water & rock describe the simple physical properties of a variety of everyday materials compare & group together a variety of everyday materials on the basis of their simple physical properties 	<p>Animals <i>Land animals</i></p> <ul style="list-style-type: none"> identify & name a variety of common animals including fish, amphibians, reptiles, birds & mammals describe & compare the structure of a variety of common animals (fish, amphibians, reptiles, birds & mammals including pets) identify & name a variety of common animals that are carnivores, herbivores & omnivores 	<p>Plants <i>Growing</i></p> <ul style="list-style-type: none"> label the basic structure of a plant & tree identify & name a variety of common plants observe different plants growing in the local environment identify deciduous & evergreen trees identify a variety of seeds & bulbs plant seeds & bulbs & observe changes over time Observe & describe how seeds & bulbs grow into mature plants Find out & describe how plants need water, light & a suitable temperature to grow & stay healthy. 	<p>All living things and their habitat <i>Land animals and minibeasts</i></p> <ul style="list-style-type: none"> Explore & compare the differences between things that are living, dead & things that have never been alive Identify & name a variety of plants & animals in their habitats including micro-habitats 	
<p>Seasonal changes <i>Identify seasonal & daily weather patterns in the U.K</i></p> <p>Name four seasons. Observe the changes across the seasons. Describe the weather that is typically associated with the season. Understand that the day length varies across the year. Identify different weather types. Know that weather is measured and the tools used. Know how weather affects people.</p>					
B	<p>Plants <i>Identify/name/describe</i></p> <ul style="list-style-type: none"> Name the parts of plant Know the purpose of plants Identify plants that we eat and plants that we don't eat Find out why we eat plants to stay healthy 	<p>Everyday materials <i>Rigid/flexible/hard/soft</i></p> <ul style="list-style-type: none"> Identify & compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper & cardboard for particular uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting & stretching 	<p>Animals <i>Sea creatures</i></p> <ul style="list-style-type: none"> identify & name a variety of common animals including fish, amphibians, reptiles, birds & mammals describe & compare the structure of a variety of common animals (fish, amphibians, reptiles, birds & mammals including pets) identify & name a variety of common animals that are carnivores, herbivores & omnivores 	<p>Humans</p> <ul style="list-style-type: none"> Identify & label the basic parts of the human body identify the 5 senses & say which part of the body is associated with each Notice that humans have offspring which grow into adults Find out about & describe the basic needs of humans, for survival (water, food & air) Describe the importance of exercise, eating the right amounts of different types of food & hygiene for humans. 	<p>All living things and their habitat <i>Sea creatures/pond life</i></p> <ul style="list-style-type: none"> Explore & compare the differences between things that are living, dead & things that have never been alive Identify & name a variety of plants & animals in their habitats including micro-habitats