

Year 2 Progression in Science

Biology			Chemistry	Physics	
Animals including humans	Living things and their habitats	Plants	Materials	Forces	How the world works
<p>Humans</p> <ul style="list-style-type: none"> I know humans have offspring which grow into adults I know the basic needs of humans for survival I know the importance for humans of exercise, eating the right amounts of different types of food, and hygiene <p>Animals</p> <ul style="list-style-type: none"> I know animals have offspring which grow into adults I know the basic needs of animals for survival 	<p>Living Things & Their Habitats</p> <ul style="list-style-type: none"> I know that that most living things live in habitats that suit them and provide for the basic needs I know that organisms are adapted to their habitats and use a body feature that helps them to survive in its habitat I know the differences between things that are living, dead, and things that have never been alive I know the names of a variety of plants and animals in their habitats, including micro-habitats I know how animals obtain their food from plants and other animals, using the idea of a simple food chain, and can identify and name 	<p>Plants</p> <ul style="list-style-type: none"> I know how seeds and bulbs grow into mature plants I know how and why plants need water, light and a suitable temperature to grow and stay healthy <ul style="list-style-type: none"> 	<p>Uses of everyday materials</p> <ul style="list-style-type: none"> I know the suitability of a variety of everyday materials for particular uses I know how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching 		

	different sources of food				
<p>Humans</p> <ul style="list-style-type: none"> I will know the sequence of the life cycle of a human I will know the different stages in a human life I will know what humans need to survive I will know why it is important to be clean when eating food I will know how the different food groups help us to stay healthy I will know how exercise produces changes in the body <p>Animals</p> <ul style="list-style-type: none"> I will know the life cycles of different animals I will know the young of different animals I will know the basic needs of animals for survival 	<p>Living Things & Their Habitats</p> <ul style="list-style-type: none"> I will know which animal lives in which habitat I will know how to group things according to whether they are living or non-living I will know how to group things according to whether they are alive, dead or have never been alive I will know how some animals are adapted to their habitats I will know the names of common animals and plants I will know what a micro habitat is I will know how to create and describe a food chain I will know the different sources of food using a food chain 	<p>Plants</p> <ul style="list-style-type: none"> I will know how flowering plants reproduce I will know the main parts of a plant and explain their function I will know the different stages in a plant's life I will know to record the changes in height of a plant over time I will know what seeds need to germinate I will know what bulbs need to start growing I will know what plants need to grow well 	<p>Uses of everyday materials</p> <ul style="list-style-type: none"> I will know the materials that different objects are made from I will know the properties of different materials I will know how materials are useful in different situations I will know which materials are suitable for new situations I will know how to investigate and compare the properties of different metal objects I will know how inventors have made new materials I will know how to investigate how I can change the shape of different objects 		