

**Pear Tree Infant School**  
**End of Year Statements for Age Related Children**

**Subject - Science**

	<b>Foundation Stage</b>	<b>Year 1</b>	<b>Year 2</b>
<b>Animals, including humans</b>	<ul style="list-style-type: none"> <li>• I know the names of different facial features; face, eyes, nose, mouth.</li> <li>• I can talk about the similarities and differences between features such as eye colour hair colour and parts of the body.</li> <li>• I know the names of some parts of the body; head, arms, legs, feet, hands, ears.</li> <li>• I know that people have different sized hands, feet and heads.</li> <li>• I know the similarities and differences between a squirrel and one other woodland animal.</li> <li>• I know where a squirrel lives, what it eats and where it finds food.</li> <li>• I know the similarities and differences between different nocturnal animals.</li> <li>• I know where different nocturnal animals live.</li> <li>• I know the similarities and differences between farm animals and what they eat.</li> <li>• I know what different farm animals give us.</li> </ul>	<ul style="list-style-type: none"> <li>• I know the names of common animals; fish, amphibians, reptiles, birds and mammals.</li> <li>• I know the names of basic parts of the human body; head, face, eyes, mouth, teeth, ears, neck, hair, arms, elbows, legs, knees and feet.</li> <li>• I know the five senses and which part of my body the sense is linked to.</li> <li>• I know the names of different body parts of common animals.</li> <li>• I can explain what a carnivore, herbivore and omnivore are.</li> <li>• I know the names of some animals that are carnivores, herbivores and omnivores.</li> <li>• I know the diet of different farm and jungle animals and domestic pets.</li> <li>• I know the names of different jungle animals.</li> <li>• I know how to look after a pet.</li> </ul>	<ul style="list-style-type: none"> <li>• I know how germs can spread and how they can be prevented.</li> <li>• I know the importance of personal hygiene.</li> <li>• I know that animals including human have babies which grow into adults.</li> <li>• I know the basic needs of animals and humans to stay alive e.g. water, food and air.</li> <li>• I know the importance of eating the right amount of different types of food.</li> <li>• I know the importance of exercise.</li> <li>• I know the stages of the human lifecycle.</li> <li>• I know the stages of at least one animal lifecycle.</li> </ul>

<p><b>Everyday materials</b></p>	<ul style="list-style-type: none"> <li>• I know the names of different types of materials; fabric, wood, dough, glass, plastic, wool, chalk, metal, water, brick and rock.</li> <li>• I know how to explore different materials using touch.</li> <li>• I know the similarities and differences between some materials.</li> <li>• I know the textures of different materials.</li> </ul>	<ul style="list-style-type: none"> <li>• I know the names of everyday materials; glass, fabric, plastic, brick, water, wood, rock, dough, wool, chalk, metal, foil, paper, cardboard.</li> <li>• I know the properties of materials; strong, weak, hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, waterproof, opaque, transparent.</li> <li>• I know how to distinguish between an object and what it is made from.</li> <li>• I know how to compare materials based on their properties.</li> <li>• I know how to group materials based on their properties.</li> <li>• I know the names of some materials that can be used to build a house.</li> <li>• I know the names of some materials that will burn.</li> </ul>	<ul style="list-style-type: none"> <li>• I know the names of everyday materials; glass, fabric, plastic, brick, water, wood, rock, wool, chalk, metal, dough, foil, paper and cardboard.</li> <li>• I know how different materials can be used for the same thing.</li> <li>• I know how materials can be used for more than one thing.</li> <li>• I know the use of transparent, translucent and opaque materials.</li> <li>• I know how the shapes of solid objects from some materials can be changed by squashing, bending, twisting and stretching.</li> <li>• I know how to compare the suitability of materials for a purpose.</li> <li>• I know different magnetic and non-magnetic materials.</li> <li>• I know how to identify whether a material is absorbent.</li> <li>• I know how materials change when they are mixed with water.</li> <li>• I know how:</li> <li>• John Dunlop</li> <li>• Charles Macintosh</li> <li>• John McAdam</li> </ul>

			have contributed to the discovery of useful materials.
<b>Seasonal changes</b>	<ul style="list-style-type: none"> <li>• I know how the weather changes across the seasons.</li> <li>• I know the similarities and differences between trees in different seasons.</li> <li>• I know how to stay safe in the sun.</li> <li>• I know what clothes I wear in the summer.</li> </ul> <p>I know what activities I do in the summer.</p>	<ul style="list-style-type: none"> <li>• I know the names of all four seasons.</li> <li>• I know how the length of a day changes in different seasons.</li> <li>• I know the differences in weather across the seasons.</li> <li>• I know how trees look in different seasons.</li> </ul>	
<b>Living things and their habitats</b>			<ul style="list-style-type: none"> <li>• I know the difference between things that are living, dead and things that have never been alive.</li> <li>• I know that most living things live in habitats which they are suited.</li> <li>• I know how different habitats provide the basic needs for different animals and plants.</li> <li>• I know how animals and plants depend on each other.</li> <li>• I know what a microhabitat is.</li> <li>• I know the names of a variety of plants and animals from different habitats/microhabitats.</li> <li>• I know how animals obtain their food from plants and other animals.</li> <li>• I know the structure of a simple food chain.</li> </ul>

			<ul style="list-style-type: none"> <li>• I know seven different types of habitat; woodland, polar, rainforest, urban, desert, coastal and pond.</li> <li>• I know the seven life processes common to living things.</li> <li>• I know different types of marine mammals.</li> <li>• I know different types of seashore minibeasts.</li> <li>• I know different types of underwater plants.</li> </ul>
<b>Plants</b>	<ul style="list-style-type: none"> <li>• I know when to plant seeds to grow food for an animal.</li> <li>• I know what plants need to grow.</li> <li>• I know the names of different vegetables.</li> <li>• I know what vegetables I like, including what they taste and look like.</li> </ul>	<ul style="list-style-type: none"> <li>• I know the parts of a plant; plant, petal, flower, fruit, seed, roots, bulb, leaves, stem.</li> <li>• I know the names of some common wild and garden plants; rose, daisy, daffodil and bluebell.</li> <li>• I know the difference between deciduous and evergreen trees.</li> </ul>	<ul style="list-style-type: none"> <li>• I know the different stages of germination; root, shoot, seedling, flowering, plant/pod.</li> <li>• I know how plants need water, light and a suitable temperature to grow and stay healthy.</li> <li>• I know how seeds and bulbs grow into mature plants.</li> </ul>

<b>Additional learning</b>	<ul style="list-style-type: none"><li>• I know the difference between day and night.</li><li>• I know what is in the sky in the day.</li><li>• I know what is in the sky at night.</li><li>• I know the similarities and differences between my morning and night routines.</li><li>• I know how to use my senses to talk about summer fruits.</li></ul>		
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