


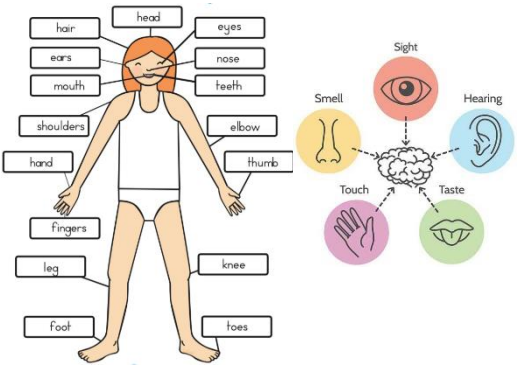
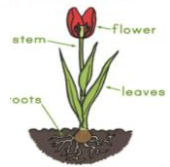


West Bridgford Infant School Science Sequence of Learning

Reception	Autumn Term	Spring Term	Summer Term
<p>Skills: <u>Language of Observation:</u> It is... It has... <u>Language of comparison:</u> It is different/ They are different because... It is not the same... It is the same because... It looks the same because... <u>Language of prediction:</u> I think it will.... 'What do you think will happen? It will.... The...will... The ... is going to.... This will....because... What do you think will happen next? What will happen if... <u>Language of Deduction:</u> I think...because... It is... because.... It has...because.... Why do you think ...</p>	<ul style="list-style-type: none"> Asks questions about aspects of the familiar world such as the place where they live or the natural world. Explores the natural world around them during outdoor play and exploration. Shows curiosity in the environment around them inside and outdoor. Observes and talks about the changes in objects over a period (melting). 	<ul style="list-style-type: none"> Starts to develop an understanding of growth, decay and changes over time. Shows care and concern for living things and the environment. Talks about why things happen and how things work. Describes what they see, hear and feel whilst outside -An immediate change feeling the wind pick up, getting sunny. Name and describe some plants and animals in the environment. Recognises some environments that are different to the one in which they live. Understands the effect of changing seasons on the natural world around them. Listens to and talks about non-fiction books applying 	<p>ELG: The natural world Children at the expected level of development will:</p> <ul style="list-style-type: none"> Explore the natural world around them, making observations and drawing pictures of animals and plants; Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; Understands some important processes and changes in the natural world around them, including the seasons and changing states of matter. 

West Bridgford Infant School Science Sequence of Learning

<p>is a...? What can you see? Why did ... happen? ... happened because....</p>		<p>new knowledge and vocabulary.</p> 	
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Year 1	Autumn Term	Spring Term	Summer Term
<p><u>Specific skills (working scientifically):</u></p> <ul style="list-style-type: none"> asking simple questions and recognising that they can be answered in different ways observing closely, using simple equipment performing simple tests identifying and classifying using their observations and ideas to suggest answers to questions 	<p><u>Animals including humans</u></p> <ul style="list-style-type: none"> identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense 	<p><u>Everyday materials</u></p> <ul style="list-style-type: none"> distinguish between an object and the material from which it is made identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock describe the simple physical properties of a variety of everyday materials compare and group together a variety of everyday materials on the basis of their simple physical properties 	<p><u>Plants</u></p> <ul style="list-style-type: none"> identify and name a variety of common wild and garden plants, including deciduous and evergreen trees identify and describe the basic structure of a variety of common flowering plants, including trees  <p><u>Animals including humans</u></p> <ul style="list-style-type: none"> identify and name a variety of common animals including fish,

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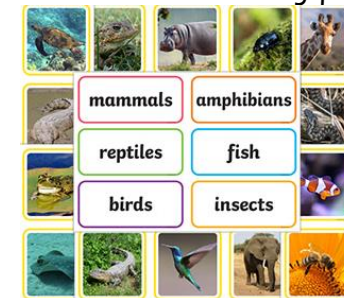
Science Sequence of Learning

- gathering and recording data to help in answering questions



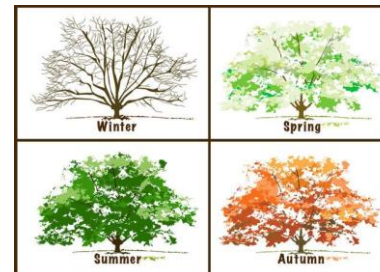
amphibians, reptiles, birds and mammals

- identify and name a variety of common animals that are carnivores, herbivores and omnivores
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)


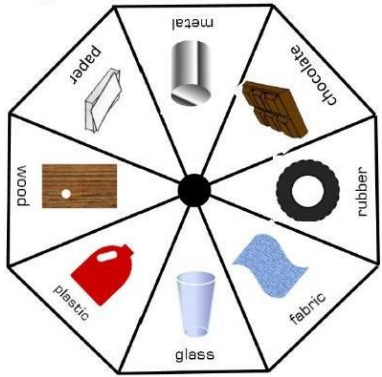
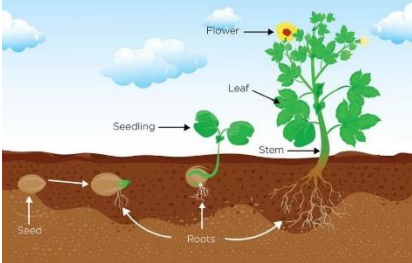


Seasonal change

- observe changes across the 4 seasons
- observe and describe weather associated with the seasons and how day length varies



West Bridgford Infant School Science Sequence of Learning

Year 2	Autumn Term	Spring Term	Summer Term
<p><u>Specific skills (working scientifically):</u></p> <ul style="list-style-type: none"> asking simple questions and recognising that they can be answered in different ways observing closely, using simple equipment performing simple tests identifying and classifying using their observations and ideas to suggest answers to questions gathering and recording data to help in answering questions 	<p><u>Animals including humans</u></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 	<p><u>Uses of everyday materials</u></p> <ul style="list-style-type: none"> 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 	<p><u>Plants</u></p> <ul style="list-style-type: none"> observe and describe how seeds and bulbs grow into mature plants find out and describe how plants need water, light and a suitable temperature to grow and stay healthy  <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 <p><u>Living things and their habitats</u></p>

West Bridgford Infant School Science Sequence of Learning

- 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

