

Willow Fields Primary School - Science Assessment 2



<u>Working scientifically</u> <u>Children can-</u>	<u>Living things and their habitats</u> <u>Children can-</u>	<u>Plants</u> <u>Children can-</u>	<u>Animals including Humans</u> <u>Children can-</u>	<u>Uses of everyday materials</u> <u>Children can-</u>
<ul style="list-style-type: none"> • Ask simple questions • Know that questions can be answered in different ways • Observe closely using simple equipment • Perform simple tests • Explain what they have seen • Identifying and classify (materials, plants etc) • Use observations and ideas to suggest answers to questions • Gather and record data to help in answering questions 	<ul style="list-style-type: none"> • Name things that are living, things that are dead and things that have never been alive • 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 • describe how different habitats provide for the basic needs of different kinds of animals and plants • Know how plants and animals depend on each other. • Identify and name a variety of plants and animals in their habitats, including micro habitats. • 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. 	<ul style="list-style-type: none"> • -Plant a seed or bulb correctly • Observe and describe how seeds and bulbs grow into mature plants • Place their plant in the best position to grow • Compare how plants are growing • Describe what happens when plants do not get light, water or warmth • Identify when the plant has fully grown • Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy 	<ul style="list-style-type: none"> • -Name different types of animals • Notice that animals including humans, have offspring which grow into adults • Know the names of different types of animal babies • Find out about and describe the basic needs of animals, including humans, for survival (including water, food and air) • Describe the importance for humans of exercise, eating the right amounts of different types of food and hygiene. • Know that humans need to be clean and healthy • Discuss what happens when humans don't eat the right foods, exercise or keep clean. 	<ul style="list-style-type: none"> • Identify different materials • Name objects made of different materials • Identify where a material has been used to make different objects • Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. • Name pushing, pulling, squashing, bending, twisting and stretching as forces • Know that when a force is applied an object or material might change • Find out how the shapes of solid objects made from some materials can be changed by squashing, bending twisting and stretching • Discuss why materials are unsuitable for certain tasks and objects