

St Laurence's CE Primary School
Science Long Term Plan
Year: 2



| Autumn 1 Animals including humans | Autumn 2 Animals including humans | Spring 1 Uses of everyday materials | Spring 2 Uses of everyday materials | Summer 1 Living things and their habitats | Summer 2 Plants |
|---|---|--|---|---|---|
| Key Content and skills: Knowledge | | | | | |
| <p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores.</p> | <p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).</p> <p>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> | <p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</p> | <p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p> | <p>Explore and compare the differences between things that are living, dead, and things that have never been alive.</p> <p>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> <p>Identify and name a variety of plants and animals in their habitats, including micro-habitats.</p> <p>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</p> | <p>Observe and describe how seeds and bulbs grow into mature plants.</p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p> |

St Laurence's CE Primary School
Science Long Term Plan
Year: 2



| | | | | | |
|--|---|---|--|---|--|
| | | | | food. | |
| Key Content and skills: Working Scientifically | | | | | |
| <ul style="list-style-type: none"> Ask simple questions and recognising that they can be answered in different ways. Observe closely, using simple equipment. Perform simple tests. Identify and classify. Gather and recording data to help in answering questions. Use their observations and ideas to suggest answers to questions. | | | | | |
| <u>Vocabulary:</u> Life cycle Offspring Toddler Teenager Growth Extinct Healthy Organs Elderly Height Young Reproduce Survival Balanced Skeleton Hygiene | <u>Vocabulary:</u> Materials Waterproof Squashing Twisting Bending Stretching Similarities Differences Solid Properties Metal Plastic Glass Cardboard Paper Rock | <u>Vocabulary:</u> Living things Habitat Micro habitat Living Dead Source Food Chain Producer Predator environment protected endangered | <u>Vocabulary:</u> Plants bulbs mature light Seeds healthy temperature germinate growth reproduce roots petal stem pollen leaves | | |
| <u>Assessment focus:</u> Identify growth in humans and using their observations and ideas to suggest answers to questions. Ask simple questions and | <u>Assessment focus:</u> Using their observations and ideas to suggest answers to question when describing the importance for | <u>Assessment focus:</u> Identify and describe the simple physical properties of a variety of everyday materials when investigating what | <u>Assessment focus:</u> To identify and experiment with which material would be best to make a boat. Perform simple tests. Identify and classify. | <u>Assessment focus:</u> Identify that most living things live in habitats to which they are suited. Gather and recording data to help in answering questions. | <u>Assessment focus:</u> Can children investigate how plants needs water, light and a suitable temperature to grow and stay healthy. |

St Laurence's CE Primary School
Science Long Term Plan
Year: 2



| | | | | | |
|---|---|---|--|--|---|
| <p>recognising that they can be answered in different ways. Use their observations and ideas to suggest answers to questions. Perform simple tests.</p> | <p>humans to exercise. Perform simple tests. Identify and classify. Gather and recording data to help in answering questions. Use their observations and ideas to suggest answers to questions.</p> | <p>material would be best for an umbrella. Perform simple tests. Identify and classify. Gather and recording data to help in answering questions.</p> | <p>Gather and recording data to help in answering questions. Use their observations and ideas to suggest answers to questions.</p> | <p>Use their observations and ideas to suggest answers to questions.</p> | <p>Observe closely, using simple equipment. Perform simple tests.</p> |
|---|---|---|--|--|---|