

SUBJECT - Science						
Half-Term	Aut1 Materials	Aut2 Animals including humans	Spr1 Habitats	Spr2 Habitats	Summ1 Plants	Summ2 Plants
Statement of Intent	To know that everyday materials have different properties and uses.	To know and describe the basic needs of animals, including humans, for survival (water, food, and air)	To know that most living things live in habitats to which they are suited.	To know and describe how animals obtain their food from plants and other animals.	To know that scientists and inventors use observations and ideas to find answers to questions.	To know that plants need water, light and a suitable temperature to grow and stay healthy.
Key Curriculum Coverage	. 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. . Explore the world around them, leading them to ask some simple scientific questions about how and why things happen.	. 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. . Observe changes over time decide how to sort and classify objects into simple groups with some help.	. 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. . Notice links between cause and effect with support. . Begin to notice patterns and relationships with support.	. 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. . Begin to draw simple conclusions; identify and discuss differences between their results.	. 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.	. 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.
Key Vocabulary	Materials Suitability Properties	Offspring Reproduction Growth Survival	Living Dead Never been alive Habitat	Habitat Microhabitat Food chain Food source	Observe Identify classify	Seed Bulb Germinate