

Science	Animals Including Humans	Environment	Everyday Materials	Plants	Living Things and Their Habitats	Scientists and Inventors
cycle A	Autumn (1) 7 Weeks		Spring (1) 6 Weeks	Spring (2) 6 Weeks	Summer (1) 5 Weeks	Summer (2) 6 Weeks
What We Will Learn	Pupils will learn to identify and name a variety of common animals including fish, 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); identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	Pupils will learn about their Environment, they will discuss the vocabulary used in climate change. Measure the melting of ice in a comparative test. Sort items for recycling based on their materials. Suggest ways we can reduce, reuse and recycle. Take surveys and use the information to help answer a question. Record how much water waste there is when they wash their hands.	Pupils will learn how to 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.	Pupils will learn how to Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Pupils will identify and describe the basic structure of a variety of common flowering plants, including trees.	Pupils will learn about Living Things and Their Habitats they will be able to explore and compare the differences between things that are living, dead, and things that have never been alive. They will identify that most living things live in habitats. They will learn 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.	Pupils will consolidate their learning linking this unit of work to famous scientists that are connected to the prior learning. It will cover the whole year's scheme of work.
What We Will Do	Pupils will name the basic parts of the body. Name the senses and say which body part is associated with each sense. Identify and name a range of common animals. Describe the structure of common animals, including some parts of the body that are specific to animals. Say something that is the same and something that is different about two animals. Understand that animals have different diets. Use their senses to perform simple tests.	Set up a simple test. Measure and record the time taken for ice to melt. Sort objects into groups. Generate questions about the rainforest. Sort rainforest animals into groups. Ask questions about endangered animals.	Pupils will Identify and name everyday materials. Identify different uses of everyday materials. They will record their observations. Pupils will demonstrate and explain how shapes of objects made from some materials can be changed. They will discuss and explain what recycling means.	Pupils will plant a bean/seed, they will find plants and be able to identify them. Name parts of a tree and be able to describe a bean plant. They will be able to say 3 things that plants needs to grow. They will be able to identify a range of leaves.	Pupils will say what is different about things that are living, dead or have never been alive. Identify some of the plants and animals in a familiar habitat. They will sort objects into categories. They will find microhabitats. They will describe the conditions in a habitat. Pupils will ask questions about different habitats. Describe the characteristics of some plants and animals. Name some sources of food.	Pupils will identify and name a variety of common wild and garden plants, including deciduous and evergreen trees describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets) They will identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense; describe and compare the simple physical properties of a variety of everyday materials.
Skills Learned	Pupils will be able to observe, compare and contrast animals, describe how to identify and classify and group them, record and present data.	Pupils will be able to observe and measure, change in an experiment. They will ask questions and suggest ways to find answers to their questions and be able to record their data.	Pupils will be able to compare the uses of everyday materials, through observing closely, identifying and classifying the uses of different materials, and recording their observations.	Pupils will be able to observe and record the growth of a variety of plants as they change over time. They will observe plants at different stages of growth; setting up a comparative test to show that plants need light and water to stay healthy.	Pupils will be able to observe sorting and classifying things according to whether they are living, dead or were never alive, they will record their findings using charts.	Pupils will be able to draw conclusions, notice patterns and present their findings.