



Ready,
Respectful,
Safe

Science Overview

Cathcart Street Primary School 2023-2024

Science – Year 1	Autumn	Spring	Summer
	Year 1 NC Objectives	Year 1 NC Objectives	Year 1 NC Objectives
	Animals including Humans - Biology <ul style="list-style-type: none"> • identify and name a variety of common animals including fish, amphibians, reptiles, mammals and birds • 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 (birds, fish, amphibians, reptiles, 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. • (Scientist Marie Curie) 	Everyday Materials - Chemistry <p>Pupils should be taught to:</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 	Plants - Biology <ul style="list-style-type: none"> • identify and describe the basic structure of a variety of common flowering plants, including trees. Seasonal Changes (Weather) <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> • observe and describe weather associated with the seasons and how day length varies.
	Seasonal Changes (Ongoing) NC Objectives – <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> • observe changes across the four seasons • observe and describe weather associated with the seasons and how day length varies. Plants (Ongoing) • identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.		
	Year 1 Key Learning	Year 1 Key Learning	Year 1 Key Learning
	Animals including Humans - Biology <ul style="list-style-type: none"> • To name basic parts of the human body. • To name the five senses and the body part associated with each sense. • To name the common names of some fish, amphibians, reptiles, birds and mammals. 	Everyday Materials - Chemistry <ul style="list-style-type: none"> • To be able to name some objects that are made of wood, plastic, glass, metal and rock. • To be able to describe materials using their properties e.g. shiny, stretchy, rough etc. • To compare and group together a variety of everyday materials on the basis of their simple physical properties 	Plants - Biology <ul style="list-style-type: none"> • To name the petals, stem, leaves and roots of a plant. • To name the roots, trunk, branches and leaves of a tree. Seasonal Change (Weather) <ul style="list-style-type: none"> • To know the days are shorter in winter and longer in summer. • To sequence the four seasons and explain the changes that occur.

Working Scientifically	Animals Inc Humans <ul style="list-style-type: none"> • To ask questions about animals. • To use simple secondary resources to name living things. 	Everyday Materials <ul style="list-style-type: none"> • To sort and group objects according to the materials they are made from. • To use practical resources to carry out a comparative test set up by the teacher. 	Plants <ul style="list-style-type: none"> • To make careful observations of growing plants to notice change over time. • To record their observations using drawings or labelled diagrams.
Vocabulary	Key Vocabulary (Animals inc Humans) Sense, Fish, Reptiles, Mammals, Birds, Amphibians Grouping, sight, touch, smell, hear, taste, carnivore, herbivore, omnivore.	Key Vocabulary (Everyday Materials) Object, material, rock, brick, fabric, elastic, foil, card/cardboard, rubber, clay, properties, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull.	Key Vocabulary (Plants) Wild plants, garden plants, weed, blossom, branch, bud, deciduous, evergreen.
	Key vocabulary (Seasonal Change – (Ongoing) Seasons, Autumn, Winter, Summer, Spring, Moon, daylight, dark, temperature, rainfall, Celsius, degrees, sunrise, sunset. Plants Wild plants, garden plants, deciduous, evergreen.		