







Year 1 Science Long Term Plan

Year 1	Throughout the year (Lessons to be carried out each term)	Throughout the year (Lessons to be carried out each term)	Autumn 1, Spring 1, Summer 1	Autumn 2	Spring 2
Science Topic	Seasonal Change	Plants – Common Names & Basic Structures	Everyday Materials	Animals - Humans	Animals – Other Animals
Science Substantive Knowledge	<ul style="list-style-type: none"> Observe and describe changes across the four seasons. Observe and describe weather associated with the seasons and how day length and temperature varies. 	<ul style="list-style-type: none"> Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Identify and describe the basic structure of a variety of common flowering plants, including trees (at least: flower, leaf, root, stem, trunk, seed, branch and petal). 	<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, rock, brick, paper and cardboard. 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. 	<ul style="list-style-type: none"> Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. 	<ul style="list-style-type: none"> Identify and name a variety of common animals including some fish, some amphibians, some reptiles, some birds and some mammals. Identify and name a variety of common animals that are carnivores, herbivores and omnivores (i.e. according to what they eat). Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, and including pets).

Plan		Do			Review	
Ask questions and plan an enquiry 	Set up an enquiry 	Observe and measure 	Record 	Interpret and report 	Evaluate 	
Ask simple questions and recognise that they can be answered in different ways*.	Perform simple tests	Observe closely, using simple equipment.	Gather and record data to help in answering questions.	Use their observations and ideas to suggest answers to questions. Identify and classify. Use appropriate scientific language to communicate ideas.		