

Eveline Day School
Developing Young Scientists
Knowledge, Skills and Vocabulary
Key Stage 1

Strands	Year 1	Year 2
Plants	<ul style="list-style-type: none"> • Identify and name at least five common wild and garden plants • Identify and name at least five deciduous and/or evergreen trees • The basic structure of a variety of common flowering plants and trees (e.g. roots, trunk, stem, flower, canopy etc) 	<ul style="list-style-type: none"> • 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
Animals including Humans	<ul style="list-style-type: none"> • Identify and name at least 15 common animals including, fish, amphibians, reptiles, birds and mammals • Identify and name at least 5 common animals each that are carnivores, herbivores and omnivores • Describe the structure of a variety of common animals (e.g. fish, amphibians, reptiles, birds and mammals, including pets) • Compare the structure of a variety of common animals (e.g. fish, amphibians, reptiles, birds and mammals, including pets) • Identify and name the basic parts of the human body • Draw and label the basic parts of the human body • Say which parts of the human body are associated with which sense 	<ul style="list-style-type: none"> • 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 (food, water and air) • Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene

Everyday materials (Y2 – Uses of...)	<ul style="list-style-type: none"> • Distinguish between an object and the material it is made from • Know the names of a variety of everyday materials, including wood, plastic, glass, metal, water and rock and be able to identify them • Know and be able to describe the simple physical properties of a variety of everyday materials • Compare and group together a variety of everyday materials based on their simple physical properties 	<ul style="list-style-type: none"> • 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
Seasonal Changes	<ul style="list-style-type: none"> • Name the four seasons • Observe the key changes across the four seasons • Describe the weather associated with the seasons • Describe how the day length varies with the seasons 	
Living things and their habitats		<ul style="list-style-type: none"> • Know, explore and compare the differences between things that are living, dead and things that have never been alive • Know that most living things live in habitats to which they are suited • Describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other • Identify the name of a variety of plants and animals in their habitats, including micro-habitats • Know and be able to describe how animals obtain their food from plants and other animals, including the idea of a simple food chain • Identify and name different sources of food