



The Best That You Can Be

Devonshire Primary Academy

Science Long Term Plan



Year 1				
Week	Autumn	Spring	Summer	
1	Introduce the names (and images) of: • Wild and garden plants.	Introduce the structure of flowering plants.	Investigate and compare the differences between things that are living, that are dead and have never been alive.	
2	Introduce the names (and images) of: • Evergreen and deciduous trees.	Introduce the structure of trees.	Investigate the basic needs of animals and humans.	
3	Introduce the names (and images) of: • birds, fish, amphibians, reptiles, mammals and invertebrates.	Introduce the groups: • carnivore, herbivore, omnivore.	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.	
4		Describe and compare the structure of: birds, fish, amphibians, reptiles, mammals and invertebrates.		
5	Introduce parts of the human body and associate parts of the body with the five senses.	Describe the offspring and growth of animals and humans into adulthood. Identify how humans resemble their parents in many features.		
6	Introduce a range of everyday materials, including wood, plastic, glass, metal, water and rock. Distinguish between an object and the material from which it is made. (and in doing so, identify and compare the uses of a variety of everyday materials.)	Describe the simple properties of a variety of everyday materials. Compare and group together a variety of everyday materials on the basis of their simple physical properties.		Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
7	Observe and name a variety of sources of light.	Explain that we see sources of light because the light travels from the source to our eyes.		Experiment with ways to block light and make shadows.
8	Observe and name a variety of sources of sound, noticing we hear with our ears.	Discriminate between different sounds. (Quiz)	Discriminate between similar sounds. (Quiz)	
9	Identify common appliances that run on electricity.	Experiment with simple series - circuits.	Experiment with simple series-circuits.	
10	Construct a simple series-circuit.	Quiz: all of the year's work so far.	Quiz: all of the year's work so far.	