

Biology Progression Overview

			Will identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
			Will recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
			Will recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
			Will give reasons for classifying plants and animals based on specific characteristics.
			Will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.
			Will describe the life process of reproduction in some plants and animals
	Will recognise the impact of diet, exercise, drugs and lifestyle on the ways their bodies function	Will be able to understand that plants are required to sustain life on earth	Will be able to understand and describe the basic life cycle of animals (mammals, insects and birds)
	Will identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood	Will explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.	Will recognise that environments can change and that this can sometimes pose dangers and have an impact on living things
	Will describe the changes in humans as they develop to old age	Will investigate the way in which water is transported within plants	Will explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
	Will identify the different types of tee in humans and their simple functions	Will find out and describe how plants need water, light and a suitable temperature to grow and stay healthy	Will recognise that living things can be grouped in a variety of ways
	Will describe the simple functions fo the basic parts of the digestive system in humans	Will observe and describe how seeds and bulbs grow into mature plants	Will construct and interpret a variety of food chains, identifying producers, predators and prey.
	Will identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food – they get nutrition from what they eat.	Will be able to name the different parts and functions of a plant including leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches, stem).	Will describe 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
	Will identify that humans have skeletons and muscles for support, protection and movement	Will be able to experience growing and caring for a range of plants in their locality	Will identify and name a variety of plants and animals in their habitats, including micro-habitats
	Will understand the importance for humans of exercise, eating the right amounts of different types of food and hygiene	Will identify and name a variety of common wild and garden plants, including deciduous and evergreen trees	Will 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
Will describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)	Will find out about and describe the basic needs of animals, including humans, for survival (water, food, and hygiene)	Will understand there are a wide variety of plants and they have differing leaf shapes and flowers.	Will describe the habitats of a range of living things and how these provide the basic needs for different kinds of animals and plants
Will be able to respond to the basic needs of humans for survival (air, water and food)	Will notice that animals, including humans, have offspring which grow into adults	Will understand there a wide variety of plants, some of which are food	Will compare the habitats of a range of plants and animals
	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		
Will notice that animals, including humans, have offspring which grow into adults	including head, neck, arms, elbows, legs, knees, face, hair, teeth	Will know that plants need water, light, air and warmth to grow.	Will understand the characteristics of a range of different habitats
Will identify and name a variety of common animals that are carnivores, herbivores and omnivores	Will comment on and begin to name different external parts of the human body, including facial features (eyes, nose, ears and mouth)	Will know that plants need water and light to grow.	Will understand that a habitat is where a plant or animal lives
Will identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals	Will understand that their senses can be labelled and work independently or together	Will know that plants need to be looked after	Will explore and compare the differences between things that are living, dead, and things that have never been alive
Will understand and describe the different roles that animals have in their lives, e.g. as pets and for therapy	Will know that they have likes and dislikes and that some other people share their taste	Will know that some plants grow from seeds and get bigger.	Will show care and concern for living things and the environment
Will recognise and name common animals they may encounter, including pets	Will respond to using their senses to explore objects in different ways.	Will encounter soil and gardening materials and have been involved in growing new plants.	Will explore a variety of plants and animals in their habitats
Animals	Humans	Plants	Living Things and their Habitats
Biology			