



Year 7

Living Things and their Habitats- What was the impact of WW2 on Birmingham? Evolution and Inheritance- What survives polar regions? Animals Including Humans- What impact did the Maya civilisation have?

Give reasons for classifying plants and animals based on specific characteristics.

Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents

Link adaptation over time to evolution

Describe the ways in which nutrients and water are transported within animals, including humans.

Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function



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

Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago

Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood

Living Things and their Habitats-

Animals Including Humans-

Year 6

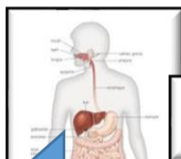
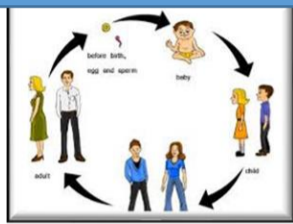
What is a river's journey?

Why does the USA have different time zones?

Describe the life process of reproduction in some plants and animals.

Describe the changes as humans develop to old age.

Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird



Describe the simple functions of the basic parts of the digestive system in humans

Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment



Year 5

Animals Including Humans- Why was Britain invaded?

Living Things and their Habitats-

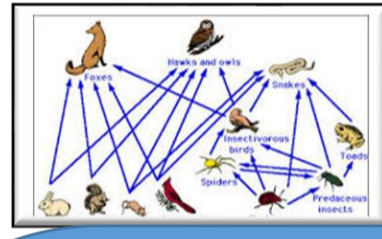
What is a biome?

Identify the different types of teeth in humans and their simple functions

Construct and interpret a variety of food chains, identifying producers, predators and prey.

Recognise that environments can change and that this can sometimes pose dangers to living things.

Recognise that living things can be grouped in a variety of ways



Identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant

Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers

Investigate the way in which water is transported within plants

Year 4

Animals Including Humans- What did the Greeks do for us?

Plants- Why is Greece popular?

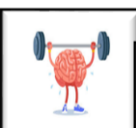
Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat

Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.



Identify and name a variety of plants and animals in their habitats, including micro-habitats

Explore and compare the differences between things that are living, dead, and things that have never been alive



Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Year 3

Plants- How do I use a compass?

All Living Things and their Habitats- What is it like in Africa?

Animals Including Humans- Why should I go to Sheldon?

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.

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.

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

Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)

Notice that animals, including humans, have offspring which grow into adults



Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).



Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

Year 2

Animals Including Humans- Where do big cats live?

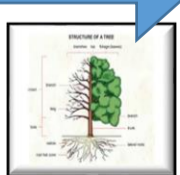
Plants- What is a British woodland like?

Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.

Identify and name a variety of common animals that are carnivores, herbivores and omnivores.

Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

Identify and describe the basic structure of a variety of common flowering plants, including trees.



Year 1

Say about similarities and differences in relation to places, objects, materials and living things. Talk about the features of the immediate environment. Make observations of animals and plants and explain why some things occur, and talk about changes.

Early learning goal- The World.

Nursery & Reception