



How have living things changed over time?
 How do fossils provide us information about living things?
 How do living things produce offspring?
 How do animals and plants adapt and evolve?

How are living things classified?
 Why are plants and animals classified based on specific characteristics?

What are the main parts of the human circulatory system and what are their functions?
 What is the impact of diet, exercise, drugs and lifestyle on our bodies?
 How are nutrients and water transported in animals including humans?




Year 6




Surinda - Science

Plants 

Animals including humans 

Living things and their habitats 

Evolution and Inheritance 

Seasonal Change 



Science (Biology) at Bewley Primary School

Year 5

How do humans develop and change as they age?

What are the differences in the life cycles of a mammal, amphibian, insect and a bird?
 What is the life process in some plants and animals?



Year 4

What are the simple functions of the basic parts of the digestive system in humans?
 What are the different types of teeth in humans and what are their simple functions?
 Can I construct and interpret a variety of food chains, identifying producers, predators and prey?



Year 3

What are the functions of different parts of a plant?
 What do different plants need to live?
 How is water transported in plants?
 What part do flowers play in the life cycle of flowering plants?

What nutrients do animals and humans need?
 Why do humans and other animals have skeletons?





How do seeds and bulbs grow into mature plants?
How do plants use water, lights and suitable temperature to grow?



Do animals have offspring?
What are the basic needs of animals?
Why is exercise, eating healthy and good hygiene important for humans?



What is the difference between things that are living, dead, and things that have never been alive?
How do different habitats provide the basic need for plants and animals that live there?
What plants and animals live in different habitats?
How do animals get their food (food chain)?



Reception- PSED (MS) Do I know, and can I talk about, the different factors that support their overall health and wellbeing: - regular physical activity - healthy eating - toothbrushing - sensible amounts of 'screen time' - having a good sleep routine - being a safe pedestrian?



UW (TW) Can I explore the natural world around me? Can I describe what I see, hear and feel whilst I am outside? Can I recognise some environments that are different to the one in which I live? Can I understand the effect of changing seasons on the natural world around them?



ELG- PSED (MS) Can I manage my own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices?



UW (TW) Can I explore the natural world around me, making observations and drawing pictures of animals and plants. Do I know some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what has been read in class? Can I understand some important processes and changes in the natural world around me including the seasons?

Year 2

-  Plants
-  Animals including humans
-  Living things and their habitats
-  Evolution and Inheritance
-  Seasonal Change

Year 1

Reception

Nursery

What are the names of common wild and garden plants?
What are deciduous and evergreen trees?
What is the basic structure of a variety of common flowering plants, including trees?

What are the names of common animals including fish, amphibians, reptiles, birds and mammals?
What are a variety of common animals that are carnivores, herbivores and omnivores?
What is the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)?
Can I Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense?

What changes happen over the seasons
How does weather change over the seasons?
How does day length vary over the seasons?

UW (TW) 3-4 yr olds- Can I plant seeds and care for growing plants? Can I understand the key features of the life cycle of a plant and of an animal? Can I begin to understand the need to respect and care for the natural environment and all living things?

PSED (MS) 3-4 yr olds- Can I make healthy choices about food, drink, activity and toothbrushing?

