

# KS1

## Science Cycle A 2022-2023



### Autumn 1

**Seasonal change:** observe changes across the 4 seasons- Autumn  
**Animals including humans:** describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.  
**Animals including humans:** notice that animals, including humans, have offspring which grow into adults.  
**WS:** performing simple tests  
**WS:** observing closely, using simple equipment  
**WS:** identifying and classifying

### Autumn 2

**Animals including humans:** find out about and describe the basic needs of animals, including humans, for survival (water, food and air)  
**Animals including humans:** identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense  
**WS:** using their observations and ideas to suggest answers to questions  
**WS:** gathering and recording data to help in answering questions  
**WS:** asking simple questions and recognising that they can be answered in different ways

### Spring 1

**Everyday materials:** distinguish between an object and the material from which it is made  
**Everyday materials:** identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock  
**Everyday materials:** compare and group together a variety of everyday materials on the basis of their simple physical properties  
**Seasonal change:** observe changes across the 4 seasons-Winter  
**WS:** identifying and classifying  
**WS:** performing simple tests  
**WS:** observing closely, using simple equipment

### Spring 2

**Seasonal change:** observe changes across the 4 seasons-Spring  
**Seasonal changes:** observe and describe weather associated with the seasons and how day length varies  
**WS:** asking simple questions and recognising that they can be answered in different ways  
**WS:** gathering and recording data to help in answering questions  
**WS:** using their observations and ideas to suggest answers to questions

### Summer 1

**Plants:** identify and name a variety of common wild and garden plants, including deciduous and evergreen trees  
**Plants:** identify and describe the basic structure of a variety of common flowering plants, including trees  
**WS:** observing closely, using simple equipment  
**WS:** gathering and recording data to help in answering questions  
**WS:** identifying and classifying

### Summer 2

**Everyday materials:** describe the simple physical properties of a variety of everyday materials  
**Seasonal change:** observe changes across the 4 seasons-Summer  
**WS:** asking simple questions and recognising that they can be answered in different ways  
**WS:** using their observations and ideas to suggest answers to questions  
**WS:** performing simple tests

# KS1

## Science Cycle B 2023-2024



### Autumn 1

**Animals including humans:** identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals

**Animals including humans:** describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)

**WS:** using their observations and ideas to suggest answers to questions

**WS:** gathering and recording data to help in answering questions

### Autumn 2

**Animals including humans:** identify and name a variety of common animals that are carnivores, herbivores and omnivores

**Living things and their habitats:** 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

**WS:** asking simple questions and recognising that they can be answered in different ways

**WS:** identifying and classifying

**WS:** performing simple tests

**WS:** observing closely, using simple equipment

### Spring 1

**Living things and their habitats:** identify and name a variety of plants and animals in their habitats, including microhabitats

**Living things and their habitats:** 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

**WS:** performing simple tests

**WS:** gathering and recording data to help in answering questions

**WS:** asking simple questions and recognising that they can be answered in different ways

**WS:** using their observations and ideas to suggest answers to questions

### Spring 2

**Living things and their habitats:** explore and compare the differences between things that are living, dead, and things that have never been alive

**WS:** identifying and classifying

**WS:** observing closely, using simple equipment

### Summer 1

**Uses of everyday materials:** identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

**Uses of everyday materials:** find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

**WS:** identifying and classifying

### Summer 2

**Plants:** observe and describe how seeds and bulbs grow into mature plants

**Plants:** find out and describe how plants need water, light and a suitable temperature to grow and stay healthy

**WS:** gathering and recording data to help in answering questions

**WS:** using their observations and ideas to suggest answers to questions

**WS:** performing simple tests

**WS:** observing closely, using simple equipment

**WS:** asking simple questions and recognising that they can be answered in different ways