

Year 1 – Science – Autumn 1- Animals

Key Questions:

What features do animals use to move?
What features do animals and birds share?
What do animals eat?

What will I learn?

You will learn to identify a variety of common animals. You will describe and compare different animals.



Activity –. Can you find examples of animals that are carnivores in the fairytales you know?

Key words: amphibians, birds, fish, mammals, reptiles, carnivore, herbivore, omnivore.

Mammals



human



mouse



dog



cow

Birds



penguin



chicken



flamingo



robin

Fish



goldfish



tuna



shark



eel

Reptiles



snake



tortoise



lizard



alligator

Amphibians



frog



toad



newt



salamander

Year 1 – Science – Autumn 2 – Seasonal Changes – winter and autumn

Key Questions:

What happens to the weather in these seasons?

What have you observed happening in Autumn?

Can you find a deciduous and evergreen plant/tree in our school environment and explain what you see?

What will I learn?

I will learn about the changes in weather during autumn and winter. I will know how the length of the day changes for different seasons.

Daylight hours each month:

Month	Sept	Oct	Nov	Dec	Jan	Feb
Hours of Daylight	13	11	9	8	8	10

Autumn



Leaves change colour and fall. Harvest time is in autumn.

Winter



The coldest time of the year. Some animals hibernate.

Activity – think about the clothing you will need to wear during the winter and autumn.

Key words: seasons, winter, autumn, weather, daylight

autumn



winter



The Four **Seasons**

autumn

September
October
November

winter

December
January
February

Year 1 – Science – Spring 1 – Humans

What will I learn?

You will learn to name, draw and label the parts of the body. You will know which sense is linked with different body parts.

Key Questions:

Can you name the five senses?

Can you give examples of how we might use the five senses?

Activity – can you find out which parts of our body we use for touch?
What different things can you feel?

Key words: smell, taste, touch, hearing, sight.

Senses



sight



hearing



touch

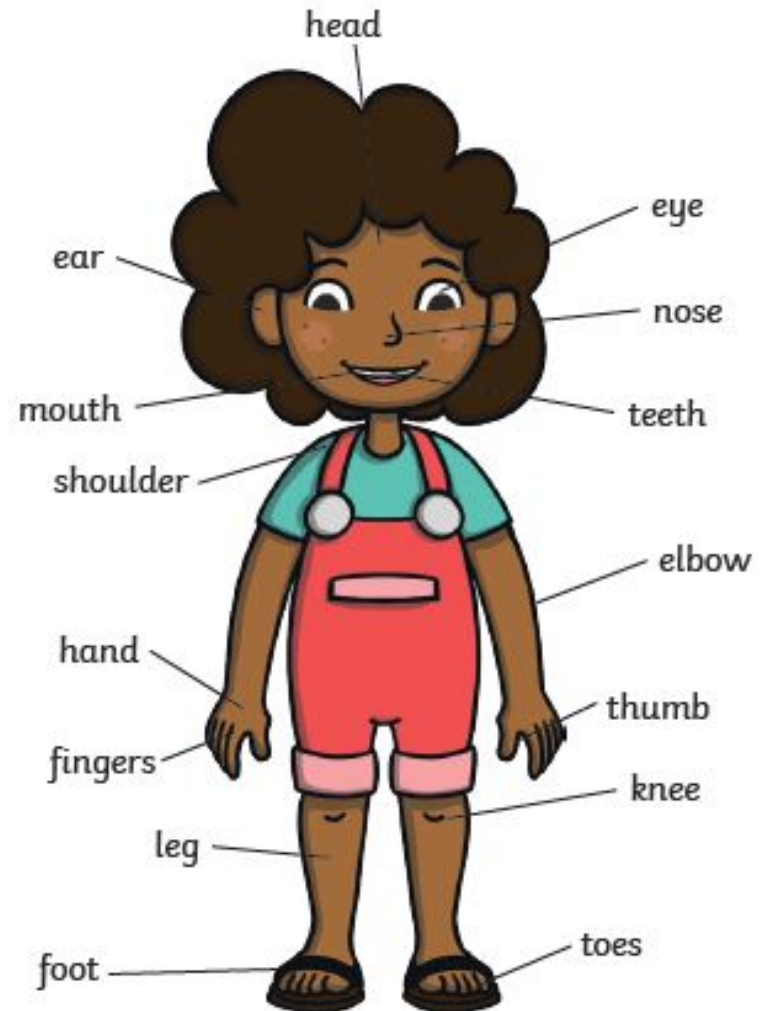


taste



smell

Parts of the Body



Year 1 – Science – Spring 2 – Seasons – Spring and Summer

Key Questions:

What weather might we see in Spring?
 What weather might we see in Summer?
 What happens to the days in all 4 seasons?

What will I learn?

I will learn about the weather during spring and summer. I will compare spring and summer with what I have already learnt about autumn and winter.

Activity –
 Think about what happens to the trees during spring and summer compared to autumn and winter.

Day length

The longest day of the year in the UK is in mid-summer. This falls on June 21st.

Summer solstice



The shortest day of the year in the UK is in mid-winter. This falls on December 21st.

Winter solstice



Key words seasons, spring, summer, weather, daylight, summer solstice, winter solstice.

Spring



Flowers begin to grow. Some baby animals are born.

Summer



The hottest time of the year. Flowers and trees are in full bloom.

Mar	Apr	May	June	July	Aug
12	14	15	16	16	14

spring

March
 April
 May

summer

June
 July
 August

Year 1 – Science – Summer 1 – Planting

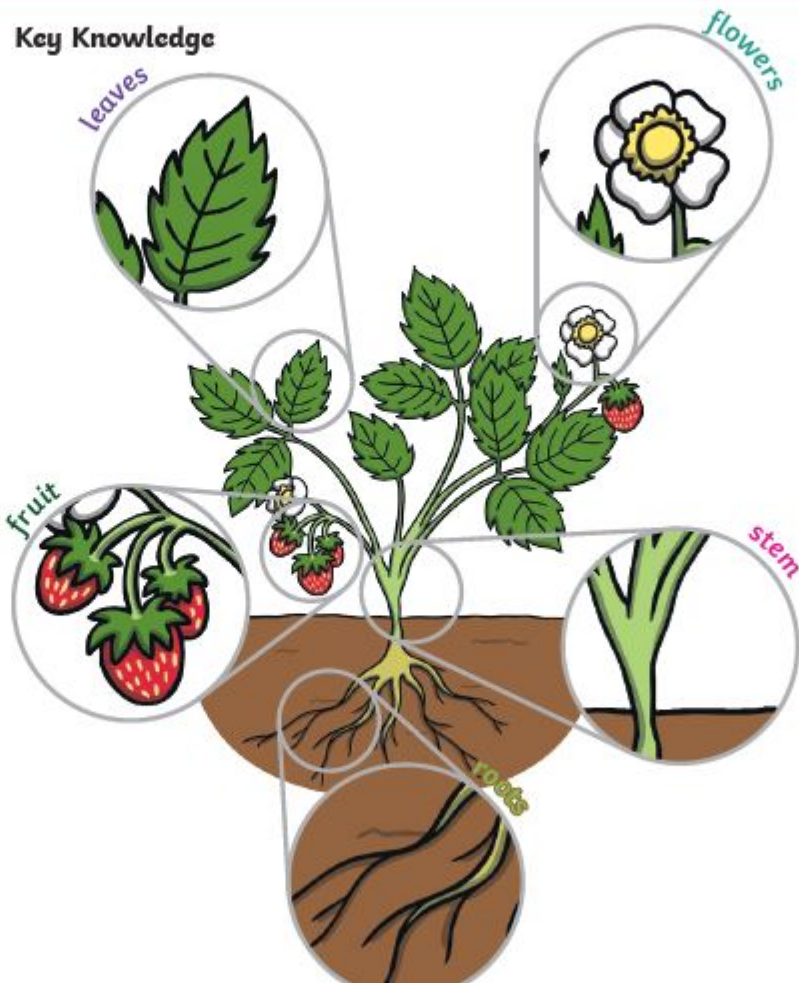
Key Questions:

What does a plant need to grow healthy and strong?
How would I see if my plant was not growing well?

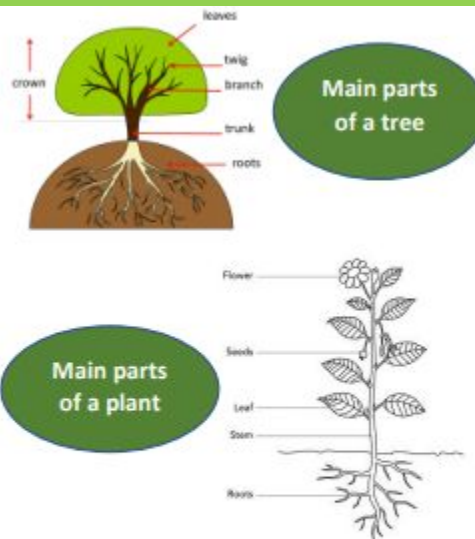
What will I learn?

I will be able to identify different wild and common plants and trees. I will be able to label the parts of a flowering plant.















Key Knowledge



Activity – Can you identify any of these leaves or plants around where you live or in your garden?



Different types of trees and plants

oak	horse chestnut
	
cherry	hawthorn
	
ash	sycamore
	
hazel	holly
	
rose	daffodil
	
daisy	tulip
	
buttercup	dandelion
	

Key words: leaf, flower, petal, fruit, root, seed, trunk, branch, stem, bark.

Year 1– Science – Summer 2 – Properties of Materials

Key Questions:

Can you name some materials we see around us?

Can you describe the properties of these materials?

Can you guess which materials will float and sink?

Why do you think they will float or sink?

What will I learn?

I will know how to look for what a material is made from. I will be able to name everyday materials including wood, metal, plastic, glass, rock and water. I will be able to describe the properties of these materials.

Key words: object, material, hard, soft, stretchy, shiny, dull, rough, water, glass, plastic, wood, metal, rock.

Materials:



plastic



wood



metal



water



glass

Activity – Can you name any of the materials that objects around you are made from? What do you notice about them?

Different types of materials

wood



paper



plastic



fabric



glass



clay



metal



foil



water



cardboard



rock



rubber



brick



wool

