

# Year 1 – Science – Autumn 1 – Humans

## What I have learned already:

I know that I have different body parts and that it is important to stay healthy by exercise and eating healthily.

## What I will 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 Activities:

I will name the five senses.

I will give examples of how we might use the five senses.

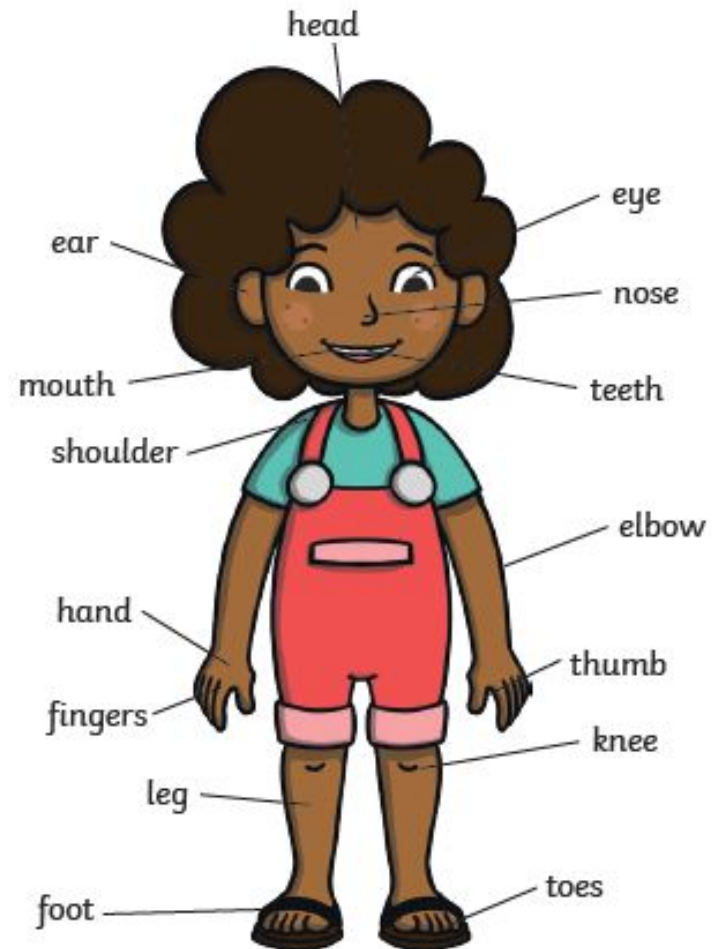
**Activity** – can you find out which parts of our body we use for touch? What different things can you feel?

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

### Senses



### Parts of the Body



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

## Key Activities:

I will learn what happens to the weather in these seasons.

I will observe what happens in Autumn.

I will find a deciduous and evergreen plant/tree in our school environment and explain what I 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.

Autumn



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

Winter



The coldest time of the year. Some animals hibernate.

## What I have learned already:

The differences between Autumn and Winter.

How the seasons vary from one another (EYFS).

Daylight hours each month:

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

autumn



winter



The Four Seasons

autumn

September  
October  
November

winter

December  
January  
February

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

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

# Year 1 – Science – Spring 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.

## What I have learned already:

Sorting and comparing bears and their habitats.  
Life cycle of a butterfly (EYFS).



### 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

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.



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

## 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.



## 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 I have learned already:

The signs of spring. How the seasons vary from one another (EYFS).


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 21 <sup>st</sup> .	<b>Summer solstice</b> 
The shortest day of the year in the UK is in mid-winter. This falls on December 21 <sup>st</sup> .	<b>Winter solstice</b> 

**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

## What will I learn?

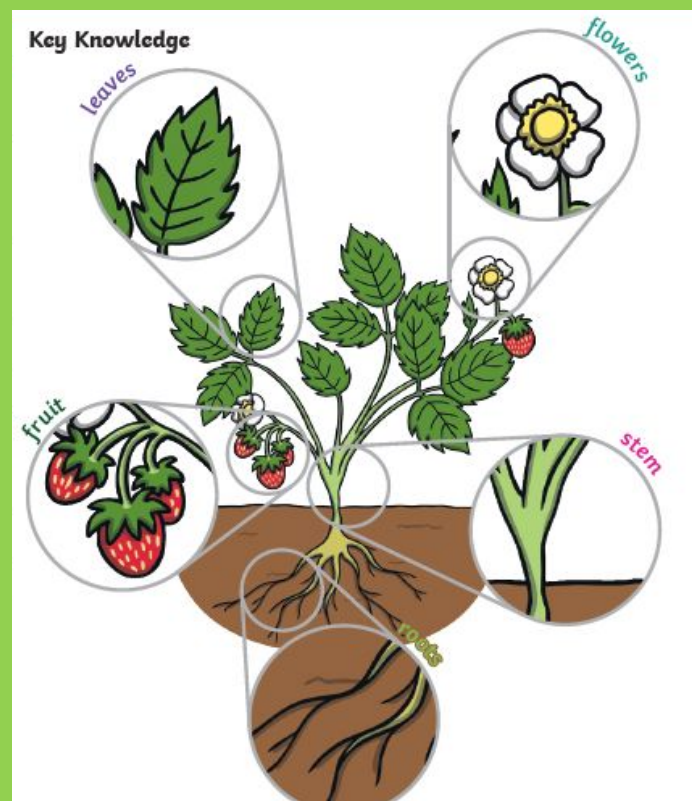
I will be able to identify different wild and common plants and trees. I will be able to label the parts of a flowering plant.

## Key Questions:

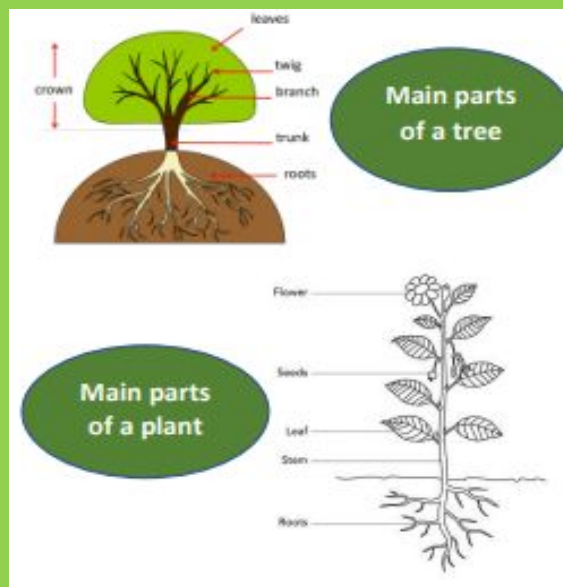
What does a plant need to grow healthy and strong?  
How would I see if my plant was not growing well?

## What I have learned already:















How a plant grows. A plant needs light, food and water.  
(EYFS).



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



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

Different types of trees and plants	
<b>oak</b> 	<b>horse chestnut</b> 
<b>cherry</b> 	<b>hawthorn</b> 
<b>ash</b> 	<b>sycamore</b> 
<b>hazel</b> 	<b>holly</b> 
<b>rose</b> 	<b>daffodil</b> 
<b>daisy</b> 	<b>tulip</b> 
<b>buttercup</b> 	<b>dandelion</b> 

# Year 1– Science – Summer 2 – Properties of Materials

## 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 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?

### Materials:



plastic



wood



metal



water



glass

## What I have learned already:

Similarities and differences in relation to objects, materials (EYFS).

## Key words:

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

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

