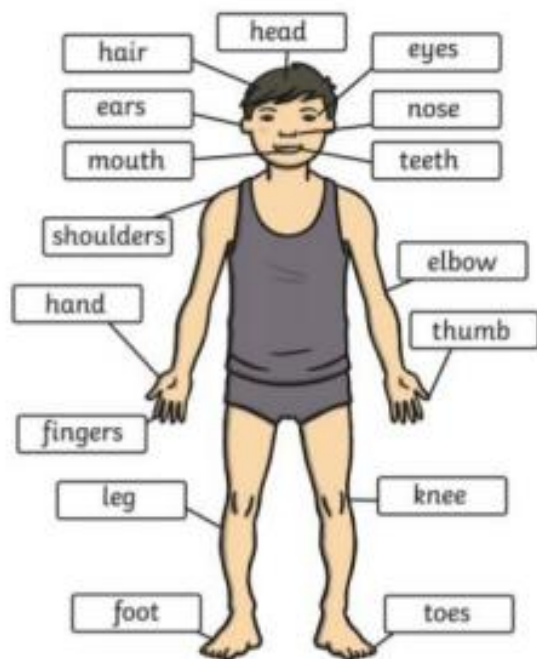


Science Knowledge Organiser- Year 1 Animals including Humans

Parts of the human body



Senses



sight



hearing



touch



taste



smell

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

carnivore

Animals that mostly eat other animals (meat) are carnivores.

herbivore

Animals that only eat plants are herbivores.

omnivore

Animals that eat both plants and other animals are omnivores.

Significant Scientist
here....

Science Knowledge Organiser- Year 1 Plants

Deciduous and evergreen trees

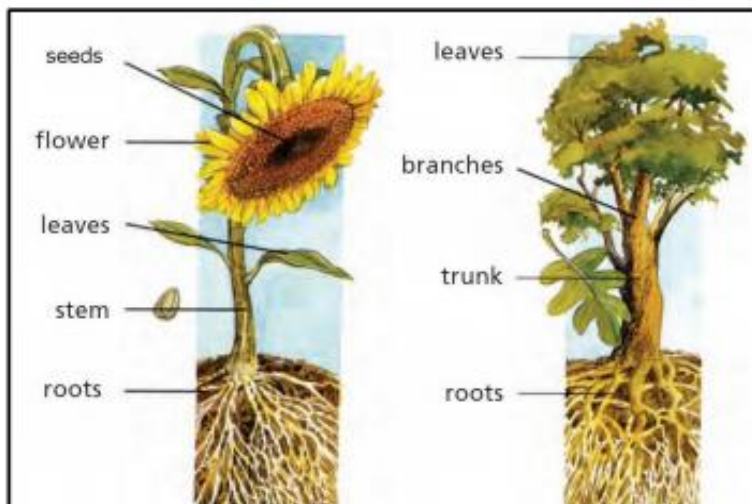


Deciduous trees lose their leaves in the autumn every year.

Evergreen trees have green leaves all year round.



Main parts of a flower and a tree



Significant scientist

Wangari Maathai
(1940-2011)



Wangari Maathai was a Kenyan environmentalist who began a movement to plant trees and re-forest her country.

She was the first African woman to win a Nobel Peace Prize.

seed

Seeds grow into new plants.

bulb

Bulbs grow into new plants.



Different types of trees and plants

oak



horse chestnut



cherry



hawthorn



ash



sycamore



hazel



holly



rose



daffodil



daisy



tulip



wild plants

A **wild plant seed** grows where it falls. It doesn't need to be planted or cared for as it grows.

garden plants

Garden plants are plants that people choose to grow in their gardens.

Science Knowledge Organiser- Year 1 Everyday Materials

Different types of materials	
wood 	paper 
plastic 	fabric 
glass 	clay 
metal 	foil 
water 	cardboard 
rock 	rubber 
brick 	wool 

Waterproof materials






These materials do not let water pass through

Natural Materials			Man-Made Materials		
 chalk	 sand	 organic oil	 concrete	 glass	 nylon
 leather	 iron	 gold	 paper	 synthetic rubber	 steel
 cotton	 coal	 wood	 plastic	 rayon	 polyester

This cloth is very absorbent and soaks up the most water.



This paper plate would be the best for a party because it is very stiff.



Spoons can be made of wood, metal or plastic.





Significant Scientist here....

Key vocabulary to describe materials	
material – all objects are made from one or more materials.	
hard	soft
Stretchy	stiff
bendy	floppy
waterproof	absorbent
breaks	tears
rough	smooth
shiny	dull
see through	not see through

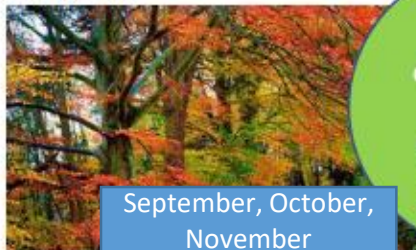


Science Knowledge Organiser- Year 1 Seasonal changes



The four seasons

Autumn



September, October, November

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

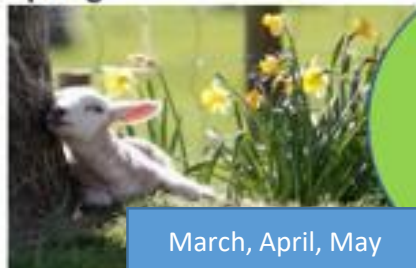
Winter



December, January, February

The coldest time of the year. Some animals hibernate.

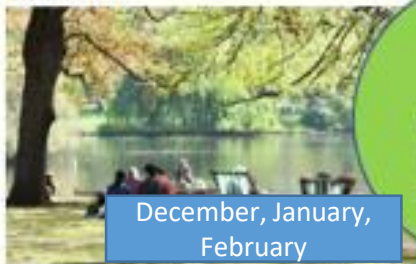
Spring



March, April, May

Flowers begin to grow. Some baby animals are born.

Summer



June, July, August

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

Significant Scientist - Anders Celsius Introduced the Celsius temperature scale.



sunrise

The time in the morning when the sun first appears in the sky.

sunset

The time in the evening when the sun disappears out of sight in the sky.

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



Weather symbols

We can use these to record what the weather is like where we live.

