

Year 1 SEN Knowledge Organisers

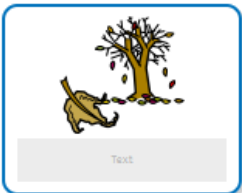
Science

Year 1

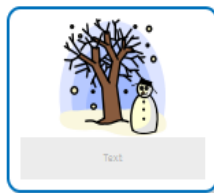
Seasonal Changes

There are four seasons in a year.

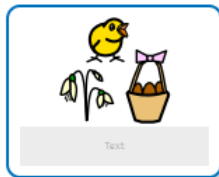
Autumn



Winter



Spring



Summer



Weather means the temperature outside, the wind direction and strength, as well as rain, cloud, snow and sun.

are four seasons in a year.



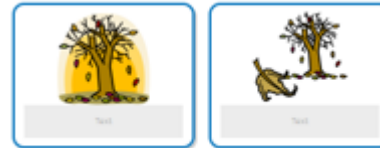
Daylight hours each month:

Month	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
Hours of Daylight	13	11	9	8	8	10	12	14	15	16	16	14

Year 1

Seasonal Changes

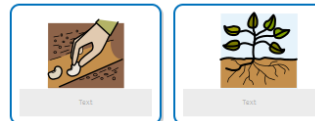
Autumn – The leaves start to change colour and they fall off some trees.



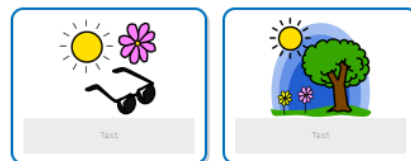
Winter- The weather gets colder and it may snow. The length of day gets shorter.



Spring- The weather gets warmer and plants begin to grow.

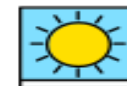


Summer- The days get longer and the weather is hotter.



The Four Seasons	
autumn September October November	winter December January February
spring March April May	summer June July August

Daylight- Daylight is the amount of light outside. The amount of light outside changes with each season.



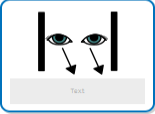
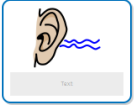
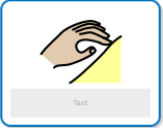
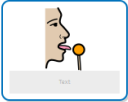

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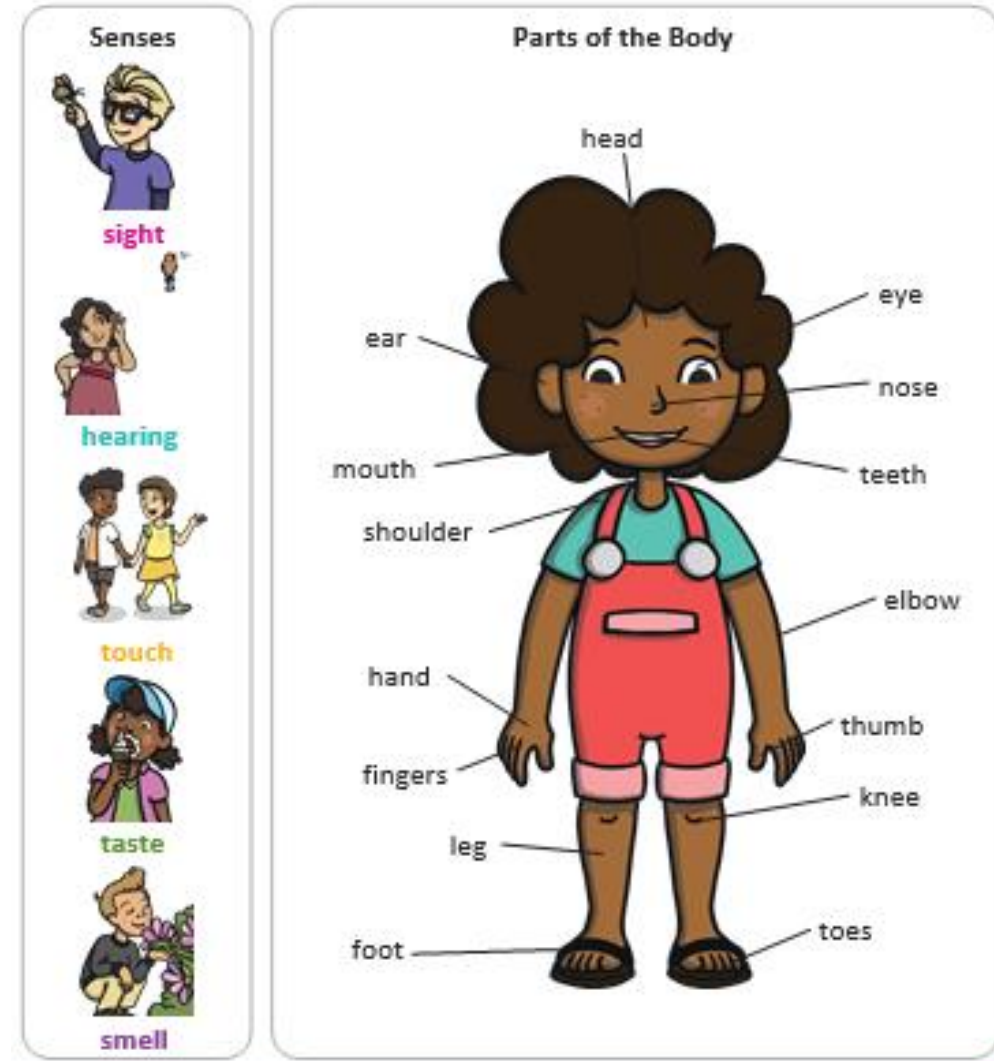
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Year 1

Animals Including humans

Key Vocabulary

Sight		What you can see around you.
Hearing		What sounds you can hear around you.
Touch		Your skin gives you the sense of touch. You can tell if something is warm, cold, smooth or rough without even looking at it!
Taste		Your sense of taste comes from your tongue . You can tell if something tastes bitter or sweet .
Smell		You smell using your nose. Your nose can tell if things smell nice or not nice.



Year 1

Animals Including humans

Key Vocabulary



Amphibians

They live in **water** and on **land**.
They have **smooth** and **slimy** skin.

Amphibians



frog



toad



newt



salamander



Bird

They have two **beaks**.
They have two **legs**, **feathers** and **wings**.

Birds



penguin



chicken



flamingo



robin



Mammals

They **grow hair** or **fur**.
They **feed** on their mother's milk.
They **breathe air**.

Mammals



human



mouse



dog



cow



Reptiles

They **breathe air**.
They have **scales** on their skin.

Reptiles



snake



tortoise



lizard



alligator

Year 1

Animals Including humans

Key vocabulary

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.

Mammals



human



mouse



dog



cow

Birds



penguin



chicken



flamingo



robin

Fish



goldfish



tuna



shark



eel

Reptiles



snake



tortoise



lizard



alligator

Amphibians



frog



toad



newt

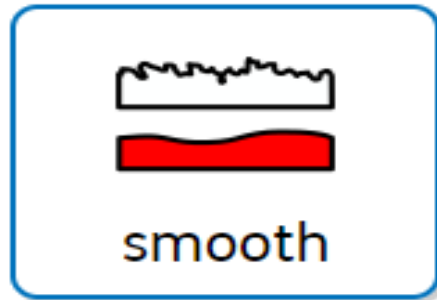
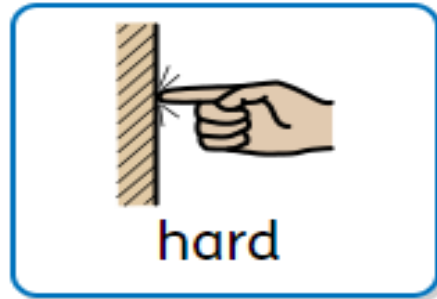
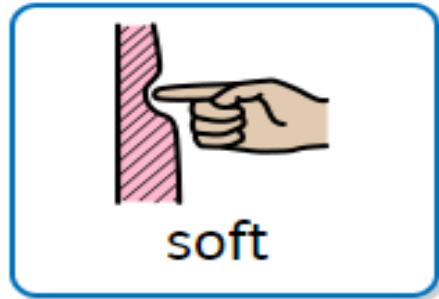
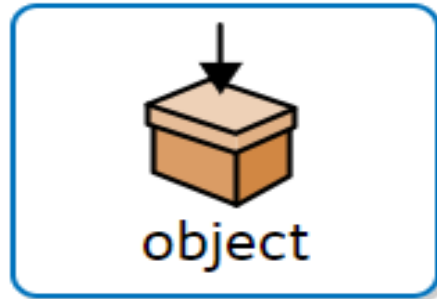


salamander

Year 1

Everyday Materials

Key vocabulary



Year 1

Everyday Materials



These materials let water pass through them.



These materials you can clearly see through them.



These materials let water pass through them.

Year 1

Plants

Key Knowledge




Wild Plants



Trees



Key vocabulary

wild plants 	<p>A wild plant seed grows where it falls. It doesn't need to be planted or cared for as it grows.</p>
garden plants 	<p>Garden plants are plants that people choose to grow in their gardens.</p>
Weed 	<p>Weeds are wild plants that grow in places where people don't want them.</p>
deciduous	<p>A deciduous tree loses its leaves each year.</p>
evergreen	<p>An evergreen tree keeps its green leaves all year round, even in the winter.</p>

Garden Plants



Year 1

Plants

Key Knowledge

Sunlight falls on to the **leaves** and makes **energy**.



leaves



leaves



flowers



petal



flower

Petals and flowers attract bees and insects.

Roots take in **water** to the plant.



roots



fruit

stem

roots



stem

The **stem** holds the plant up.



seed

The **seed** grows new plants.



seeds



bulbs

The **bulb** grows into new plants