

# Knowledge Organiser Year 1 (Autumn 2022)

We learn science because it helps us to understand the world around us.

## Plants



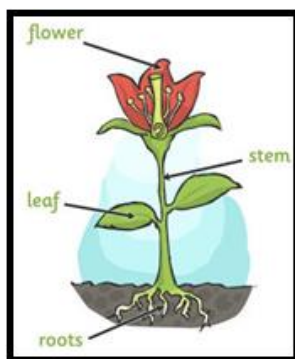
Oak



Ash



Beech



Daffodil



Nettle



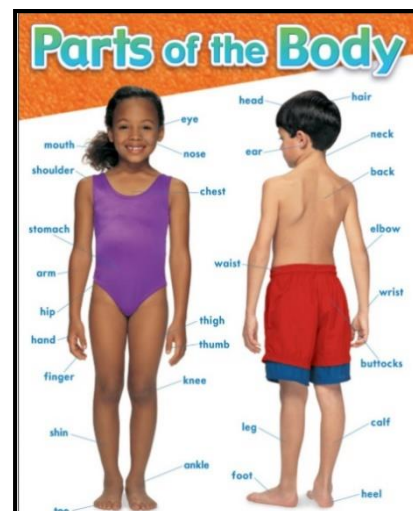
Clover

### Key Words

<b>plant</b>	A living thing which usually grows from the ground.
<b>tree</b>	A type of plant which is usually very tall and has a woody trunk.
<b>deciduous</b>	A tree which sheds its leaves in winter.
<b>evergreen</b>	A tree which doesn't shed its leaves in winter.
<b>roots</b>	The part of a plant which is underground.
<b>stem</b>	The main body of a plant aboveground.
<b>trunk</b>	The main, woody stem of a tree.
<b>branch</b>	The part of a tree which grows out from the trunk.
<b>leaf</b>	The (usually) flat, green part of a plant which absorbs sunlight.
<b>flower</b>	The part of a plant which holds seeds – often colourful.

## Animals and humans

<b>Healthy</b>	Good for you.
<b>Hygiene</b>	Keeping our body clean.
<b>Exercise</b>	How I move my body.
<b>Diet</b>	What I eat and drink.



Can you name the five senses?



## Materials

wood	metal	plastic	glass	fabric
<ul style="list-style-type: none"> <li>strong</li> <li>usually rigid</li> <li>dull</li> </ul>	<ul style="list-style-type: none"> <li>waterproof</li> <li>can be flexible</li> <li>shiny</li> </ul>	<ul style="list-style-type: none"> <li>can be rigid or flexible</li> <li>shiny</li> <li>smooth</li> </ul>	<ul style="list-style-type: none"> <li>easy to see through</li> <li>brittle</li> <li>smooth</li> </ul>	<ul style="list-style-type: none"> <li>flexible</li> <li>can be absorbent or waterproof</li> <li>usually tough</li> </ul>

### Key Words

<b>object</b>	A thing we can see and touch.
<b>properties</b>	A way to describe what a material is like.
<b>material</b>	The "stuff" that objects are made from.
<b>reflect</b>	To bounce off.
<b>purpose</b>	What "job" an object does.

## Earth and space (seasonal changes)

Winter Spring Summer Autumn



## Sound

