



Year 1  
Knowledge Organisers  
**Science**



Summer has the most daylight hours.



Winter has the fewest daylight hours.

January  
 February  
 March  
 April  
 May  
 June  
 July  
 August  
 September  
 October  
 November  
 December

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

## Materials



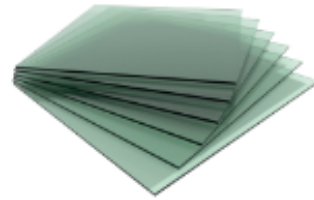
wood



plastic



metal



glass



rock



water

Materials have different properties.

hard	bendy	heavy
soft	rough	light
stretchy	fluffy	shiny
stiff	cold	strong
smooth	sharp	fuzzy



**waterproof**

Stops water getting through.



**absorbent**

Soaks up and holds on to water.



**transparent**

See-through.

### Senses



touch



taste



smell



sight



hearing

Your tongue tastes different flavours.



sweet



sour



salty



bitter

### Body parts

ears	nose	elbows
eyes	feet	legs
hair	head	knees
mouth	neck	face
teeth	arms	hands



### Sensing body parts



skin



tongue



nose



eye



ear

## Animal groups

### mammals



- Fur or hair.
- Drink milk from their mothers.
- Give birth to live young.

### birds



- Two wings and two legs.
- Beak and feathers.
- Lay eggs.

### reptiles



- Dry, scaly skin.
- Breathe with lungs.
- Lay eggs.

### amphibians



- Moist skin.
- Live on land and water.
- Lay eggs.

### fish



- Scales.
- Gills.
- Lay eggs.

### herbivores



eat plants

### omnivores



eat plants and animals

### carnivores



eat animals

### Animal body parts

beak

shell

fin

tail

horn

trunk

paws

wings

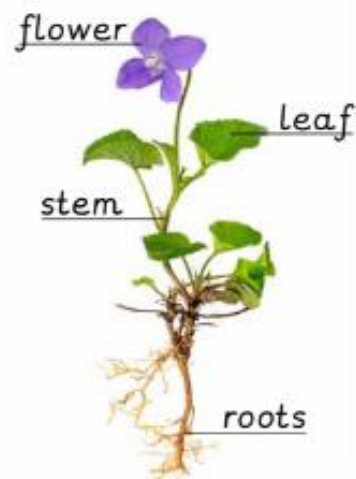
gills

claws

whiskers

snout

Plant parts



plant	A living thing that stays in one place and makes its own food from sunlight.
roots	The part of a plant that grows underground.
stem	The part of a plant that grows above ground and keeps the plant upright.
leaf	The green parts of a plant that grow from stems or branches.
flower	The colourful part of a plant where seeds are made.

Deciduous trees



Leaves:

- Change colour.
- Fall in winter.
- Are wide and flat.

Wild plants



dandelion



daisy

Garden plants



lily



rose

Deciduous trees



horse chestnut



oak

Evergreen trees



holly



pine

Evergreen trees



Leaves:

- Always green.
- Tough and waxy.
- Are narrow and needle-like.