Key Vocabulary

Object: anything that has shape or form and can be seen or touched.

Material: anything used for building or making something else.

See-through: able to be seen through

Not see-through: can not be seen through

rock, elastic, foil, card/cardboard, rubber, wool, clay,

Hard– not easily broken or bent

Soft– easy to cut, fold or change

Stretchy– can be pulled to make it longer or wider

Stiff– can't be bent

Bendy– things can be folded easily.

Waterproof– keeps water out

Absorbent– soaks up water

Breaks/tears– comes apart

Rough– uneven or bumpy

Smooth– objects have no lumps or bumps

Shiny– reflects light easily

Dull– doesn't reflect light

# Everyday Materials SCIENCE

What I should already know?

What is the same and different about places, objects, materials and living things.

Spot the features of the environment and how environments might be different from each other.

Watch animals and plants and explain why some things happen and talk about changes.

Key learning points.
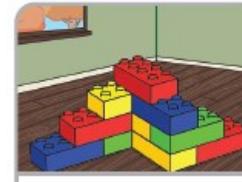
plastic toys | wooden furniture | metal tools

paper books | brick houses | fabric clothing | stepping stones
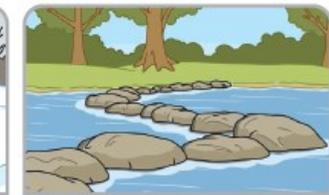
Materials:

plastic | wood | metal | paper | brick | fabric
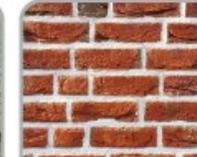
water | glass | stone

Key Vocabulary

Head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves
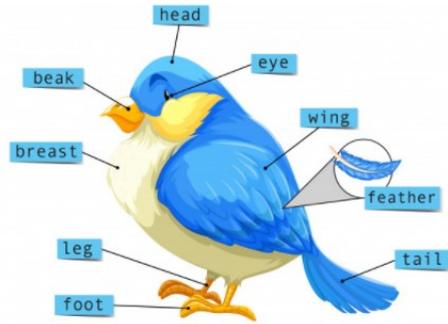
Senses: any of five ways to understand the things around us.

Touch, see, smell, taste, hear, fingers (skin), eyes, nose, ear and tongue

Parts of the body:
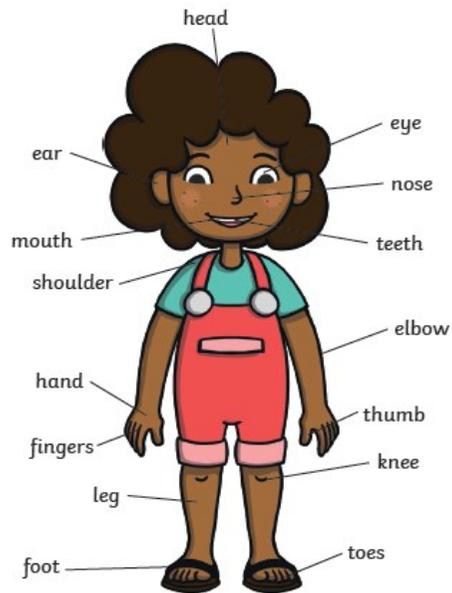
Animals Including Humans SCIENCE

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Key learning points.

Senses: sight, taste, hearing, smell, touch
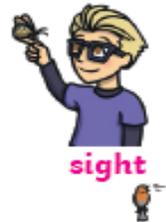
Mammals
human, mouse, dog, cow

Birds
penguin, chicken, flamingo, robin

Fish
goldfish, tuna, shark, eel

Reptiles
snake, tortoise, lizard, alligator

Amphibians
frog, toad, newt, salamander

Key Vocabulary

Seasons: one of the four parts of the year

(winter, summer, spring, autumn)
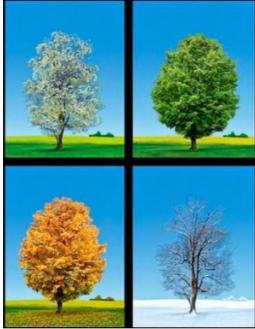
Sunrise: when the sun comes up

Sunset: When the sun goes down

Day length: the time from sunrise to sunset

| Weather	
Sunny	
Rainy	
Windy	
Snowy	

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Key learning points.

The Four Seasons

autumn	winter
September	December
October	January
November	February

spring	summer
March	June
April	July
May	August

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

Plants

SCIENCE

Key Vocabulary

Leaf- One of the usually green, flat parts of a plant or tree that grows from the stem or branch.

Flower- the part of a plant that has petals and that makes fruit or seeds

Blossom- the flower of a plant that makes a seed or fruit

Petal- Petals are the colourful part of the flower

Fruit- contains the plant's seeds.

Berry- any of several small, juicy fruits that do not have a pit

Root- Roots take in water and nutrients from the soil.

Seed- Seeds grow into new plants.

Trunk– main stem of the tree

Branch- a woody part of a tree or bush

Stem- The stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers.

Bark– the outside cover if the trunk

Stalk– a plants main stem

Bud– a part of a plant that can grow new life

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Key learning points.

Key Knowledge

leaves
flowers
fruit
stem
roots

seeds
bulbs

Trees
cedar | horse chestnut | oak

Wild Plants
dandelion | daisy | buttercup | nettles
ivy | dog rose | clover | brambles

Garden Plants
fuchsia | pansy | sweet pea | sunflower
rose | lavender | iris