



Year 1 Science Learning Organiser – Animals Including Humans

Vocabulary:

Fish - Fish live and breathe underwater. They have scaly skin, fins to help them swim and they breathe through gills.

Reptiles - All reptiles breathe air. They have scales on their skin.

Mammals - Mammals are animals that breathe air, grow hair or fur and feed on their mother's milk as a baby.

Birds - All birds have a beak, two legs, feathers and wings.

Amphibians - Amphibians live in the water as babies and on land as they grow older. They have smooth, slimy skin.

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.

Group: Put things in groups according to their type.

Groblox

S1A1: I can name some examples of fish, birds, reptiles, amphibians and mammals



penguin



snake



goldfish



human



frog

Previous Groblox:

SEA1: I can name some parts of the body that can be seen

SEA2: I know I've grown from a baby to a child, and that I'll become an adult



Year 1 Science Learning Organiser – Materials

Vocabulary:

Materials: what objects are made from

Properties: What a material is like and how it behaves

Hard: Not easily broken or bent

Soft: Easy to cut or change the shape of

Bendy: Can be bent without breaking

Waterproof: Keeps the water out

absorbent: Soaks up liquid

Shiny: Reflects light easily

Dull: Doesn't reflect light,

Rough: Feels and looks uneven or bumpy

Smooth: Has no lumps or bumps

Compare: Say what is the same and what is different

Group: Put things together according to their type.

Test: To try something to see what happens.

Groblox

S1M1: Distinguish between an object and the material from which it is made

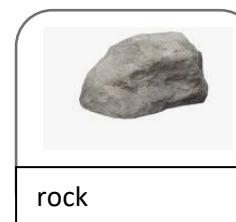
S1M2: Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, fabric and rock.

S1M3: Describe the simple physical properties of a variety of everyday materials

S1M4: Compare and group together a variety of everyday materials on the basis of their simple physical properties

S1M5: I can describe a simple test I have done with materials.

Materials:



Previous Groblox:

SEM1: I can describe how something feels

SEM2: I can find objects made from wood, plastic and paper

SEM3: I can sort objects into groups

SEM4: I begin to ask 'How' or 'Why' questions about materials



Year 1 Science Learning Organiser – Plants

Vocabulary:

Evergreen: Keeps leaves all year round

Deciduous: Loses leaves each year

Leaves: Catch sunlight to make food

Stem: Holds the plant up. Carries water and nutrients from the roots to the leaves and flowers

Roots: Take in water and nutrients from the soil. Holds the plant in the ground

Flower/Petals: Attracts insects and birds

Seeds & Bulbs: Plants grow from these



Observe: To look very carefully

Test: To try something to see what happens.

Groblox

S1P1: I can name some common plants



dandelion



daisy



buttercup



nettles



ivy



dog rose

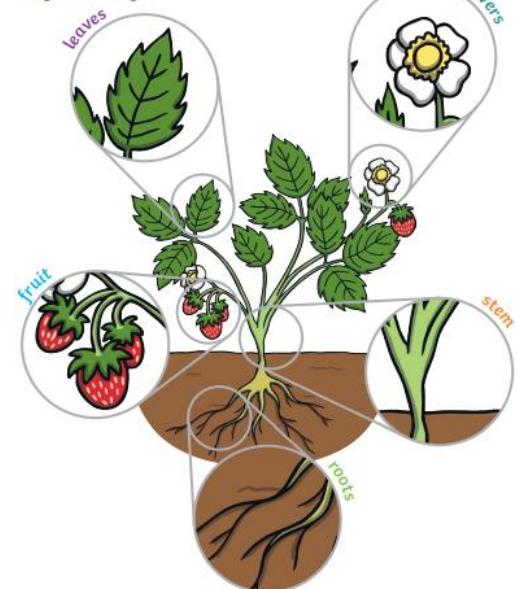


clover



brambles

Key Knowledge



Previous Groblox:

SEP1: I talk about how plants change

SEP2: I can name some parts of plants

SEP5: I can make simple observations and drawings of plants

Vocabulary:

Autumn: The weather gets colder. Leaves begin to fall from some trees.

Winter: The weather gets even colder and there is sometimes a frost or snow. Many trees have bare branches.

Spring: The weather starts to get warmer. Leaves begin to grow and some trees have blossom. You see many flowers, bees and butterflies.

Summer: The weather is warmer. Trees are full of leaves and there are more flowers, bees and butterflies.

Weather: This includes temperature, wind strength as well as rain, cloud, snow and sun.

Daylight: When it is light outside. There is more daylight in the summer than the winter.

Observe: To look very carefully

Groblox

S1S1: I can give some examples of how we recognise it is Autumn

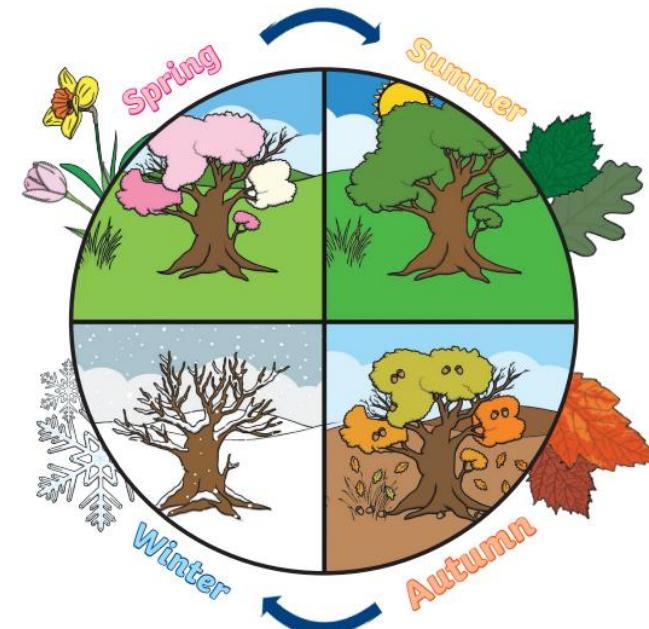
S1S2: I can give some examples of how we recognise it is Winter

S1S3: I can give some examples of how we recognise it is Spring

S1S4: I can give some examples of how we recognise it is Summer

S1S5: I can observe how the weather changes over the seasons.

Spring	Summer	Autumn	Winter
March	June	September	December
April	July	October	January
May	August	November	February


Previous Groblox:

SES1: I can talk about how some trees look different in different seasons

SES2: I can talk about how the weather is different in different seasons

SES3: I can name the four seasons