



Science Year Group Vocabulary Overview

Autumn 1

Autumn 2

Spring 1

Spring 2

Summer 1

Summer 2

EYFS

Spring / summer / autumn / winter and some associated weather conditions and changes – warm weather dries puddles / mud and melts ice. Names for some young animals with adult- sheep / lamb, bird / chick, duck / duckling, cow / calf, caterpillar / butterfly, tadpole / frog. Names for some basic animal homes- pond, nest, farm, stable, dirt.
Plant parts – stem / trunk, leaves, roots, seed, flower. Common names for facial features and parts of the body.

Willow

(Year 1 units)

Changing Seasons

- season names and related observations
- observe
- forecast
- symbol
- temperature
- rain gauge
- day light hours

Identifying Materials

- manufactured
- ceramic
- suitable
- liquid
- texture
- weight
- hollow
- plastics

Comparing Materials

- transparent
- opaque
- float
- sink
- waterproof
- similarities
- Investigate
- rigid

Types of Animals

- fish
- amphibians
- reptiles
- bird
- mammal
- carnivore
- herbivores
- omnivore

Parts of Animals

- comparisons
- sense names and body part, adjectives for the experiences eg. sweet/sour
- species specific vocab- wing, paw, fin

Plants

- plant
- deciduous
- evergreen
- dormant
- flowering plants
- names of plants/trees on site*

Maple Class

(Year 2 units)

Changing Shape

- alter
- bend
- twist
- stretch
- squash
- weave
- record results

Uses of Materials

- properties
- flexible
- suitability
- Newtons
- absorb
- strong
- predict

Living Things

- alive
- classify
- physical change
- life cycle
- young
- adult
- respiration

Habitats

- flora
- fauna
- micro-habitat
- inhabitant
- interconnected
- aquatic
- climate

Feeding and Exercise

- survival
- food chain
- food origin
- diet
- nutrients
- exercise
- decay

Growing Plants

- observe
- germination
- fair test
- effect
- etiolated
- pollination
- propagation

Oak

(Year 3 units)

Movement and Feeding

- •c

Magnets and forces

- magnetic
- attract
- repel
- poles

Rocks and Soils

- organic matter
- properties
- igneous
- sedimentary

Light and Shadows

- light source
- reflectors
- classification
- shadow

What Plants Need

- control plant
- nutrients
- grow
- thrive

Parts of Plants

- weed
- tap root
- root hairs
- stomata

		<ul style="list-style-type: none"> • forces • investigation • contact • evidence 	<ul style="list-style-type: none"> • metamorphic • fossil • palaeontologist • decompose • erosion 	<ul style="list-style-type: none"> • silhouette • opaque • transparent • translucent 	<ul style="list-style-type: none"> • fertiliser • dehydration • harvest • root bound 	<ul style="list-style-type: none"> • stamen • pistil • photosynthesis • seed dispersal • terrarium
<p>Rowan</p> <p>(Year 4 units)</p>	<p><u>Human Nutrition</u></p> <ul style="list-style-type: none"> • saliva • digest • oesophagus • nutrients • enamel • plaque acid • incisor • canine molar 	<p><u>Grouping Living Things</u></p> <ul style="list-style-type: none"> • bio-diversity • explore • classification keys • species • invertebrates • flora • fauna <p>David Attenborough</p>	<p><u>Dangers to Living Things</u></p> <ul style="list-style-type: none"> • food chain • producer • consumer • prey • predator • endangered • extinct <p>deforestation</p>	<p><u>Sound</u></p> <ul style="list-style-type: none"> • sound wave • pitch • volume • ear drum • vibrations • tension • frequency <p>decibel</p>	<p><u>Electricity</u></p> <ul style="list-style-type: none"> • identify • appliances • simple circuit • cells • wires • switches and buzzers • conductor • insulator 	<p><u>Changes of State</u></p> <ul style="list-style-type: none"> • solid • liquid • gas • evaporation • condensation • water cycle • Celsius • precipitation • enquiry <p>fair test</p>
<p>Beech</p> <p>(Year 5 units)</p>	<p><u>Forces</u></p> <ul style="list-style-type: none"> • force • gravitational pull • mass • friction • Newton meter • air resistance • streamlined • mechanism • gears 	<p><u>Separating mixtures</u></p> <ul style="list-style-type: none"> • mixture • soluble • dissolve • solution • variable • filtering • sieving <p>substance recovery</p>	<p><u>Types of Change</u></p> <ul style="list-style-type: none"> • reversible change • irreversible change • chemical change • solute • solvent • acid • melting point • refute 	<p><u>Earth and Space</u></p> <ul style="list-style-type: none"> • orbit • solar system • spherical bodies • satellite • axis • geocentric model • heliocentric model • astronomer • moon 	<p><u>Life Cycles</u></p> <ul style="list-style-type: none"> • metamorphosis • Jane Goodall • independence • primate • fledgling • juvenile • gestation • data collection 	<p><u>Materials</u></p> <ul style="list-style-type: none"> • absorbency • opaque • components • conductivity • thermal insulator • causal relationship • evidence • scatter graph
<p>Sycamore</p> <p>(Year 6 units)</p>	<p><u>Light and Sight</u></p> <ul style="list-style-type: none"> • light source • beam • reflection • iris • shadow • periscope • opaque • translucent 	<p><u>Changing Circuits</u></p> <ul style="list-style-type: none"> • engineer • circuit • cell • current • voltage • resistance • conductor • insulator 	<p><u>Our Bodies</u></p> <ul style="list-style-type: none"> • circulatory system • valves • ventricles • atrium • platelets • deoxygenated blood • carbon dioxide • nutrients 	<p><u>Evolution and Inheritance</u></p> <ul style="list-style-type: none"> • offspring • inheritance • characteristics • adaptation • fossils • evolution • Charles Darwin 	<p><u>Classifying Living Things</u></p> <ul style="list-style-type: none"> • micro-organisms • identification key • characteristics • Carl Linnaeus • refute ideas • scatter graph • variables 	<p><u>Review and celebration</u></p> <p>Revision of vocabulary covered previously.</p>

	<ul style="list-style-type: none">• refraction		<ul style="list-style-type: none">• pulse	<ul style="list-style-type: none">• ancestor• natural selection	<ul style="list-style-type: none">• comparative tests	
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This has been planned using Pearson's Science Bug scheme of work.