



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

		• forces • investigation • contact • evidence	• metamorphic • fossil • palaeontologist • decompose • erosion	• silhouette • opaque • transparent • translucent	• fertiliser • dehydration • harvest • root bound	• stamen • pistil • photosynthesis • seed dispersal • terrarium
Rowan (Year 4 units)	<u>Human Nutrition</u> • saliva • digest • oesophagus • nutrients • enamel • plaque acid • incisor • canine • molar	<u>Grouping Living Things</u> • bio-diversity • explore • classification keys • species • invertebrates • flora • fauna David Attenborough	<u>Dangers to Living Things</u> • food chain • producer • consumer • prey • predator • endangered • extinct • deforestation	<u>Sound</u> • sound wave • pitch • volume • ear drum • vibrations • tension • frequency • decibel	<u>Electricity</u> • identify • appliances • simple circuit • cells • wires • switches and buzzers • conductor • insulator	<u>Changes of State</u> • solid • liquid • gas • evaporation • condensation • water cycle • Celsius • precipitation • enquiry • fair test
Beech (Year 5 units)	<u>Forces</u> • force • gravitational pull • mass • friction • Newton meter • air resistance • streamlined • mechanism • gears	<u>Separating mixtures</u> • mixture • soluble • dissolve • solution • variable • filtering • sieving • substance recovery	<u>Types of Change</u> • reversible change • irreversible change • chemical change • solute • solvent • acid • melting point • refute	<u>Earth and Space</u> • orbit • solar system • spherical bodies • satellite • axis • geocentric model • heliocentric model • astronomer • moon	<u>Life Cycles</u> • metamorphosis • Jane Goodall • independence • primate • fledgling • juvenile • gestation • data collection	<u>Materials</u> • absorbency • opaque • components • conductivity • thermal insulator • causal relationship • evidence • scatter graph
Sycamore (Year 6 units)	<u>Light and Sight</u> • light source • beam • reflection • iris • shadow • periscope • opaque • translucent	<u>Changing Circuits</u> • engineer • circuit • cell • current • voltage • resistance • conductor • insulator	<u>Our Bodies</u> • circulatory system • valves • ventricles • atrium • platelets • deoxygenated blood • carbon dioxide • nutrients	<u>Evolution and Inheritance</u> • offspring • inheritance • characteristics • adaptation • fossils • evolution • Charles Darwin	<u>Classifying Living Things</u> • micro-organisms • identification key • characteristics • Carl Linnaeus • refute ideas • scatter graph • variables	<u>Review and celebration</u> Revision of vocabulary covered previously.

	• refraction		• pulse	• ancestor • natural selection	• comparative tests	
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This has been planned using Pearson’s Science Bug scheme of work.