



## 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.

**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*

**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

<b>Year 3 units</b>	<b><u>Movement and Feeding</u></b>	<b><u>Magnets and forces</u></b>	<b><u>Rocks and Soils</u></b>	<b><u>Light and Shadows</u></b>	<b><u>What Plants Need</u></b>	<b><u>Parts of Plants</u></b>
		<ul style="list-style-type: none"> <li>• magnetic</li> <li>• attract</li> <li>• repel</li> <li>• poles</li> </ul>	<ul style="list-style-type: none"> <li>• organic matter</li> <li>• properties</li> <li>• igneous</li> <li>• sedimentary</li> </ul>	<ul style="list-style-type: none"> <li>• light source</li> <li>• reflectors</li> <li>• classification</li> <li>• shadow</li> </ul>	<ul style="list-style-type: none"> <li>• control plant</li> <li>• nutrients</li> <li>• grow</li> <li>• thrive</li> </ul>	<ul style="list-style-type: none"> <li>• weed</li> <li>• tap root</li> <li>• root hairs</li> <li>• stomata</li> </ul>

		<ul style="list-style-type: none"> <li>• forces</li> <li>• investigation</li> <li>• contact</li> <li>• evidence</li> </ul>	<ul style="list-style-type: none"> <li>• metamorphic</li> <li>• fossil</li> <li>• palaeontologist</li> <li>• decompose</li> <li>• erosion</li> </ul>	<ul style="list-style-type: none"> <li>• silhouette</li> <li>• opaque</li> <li>• transparent</li> <li>• translucent</li> </ul>	<ul style="list-style-type: none"> <li>• fertiliser</li> <li>• dehydration</li> <li>• harvest</li> <li>• root bound</li> </ul>	<ul style="list-style-type: none"> <li>• stamen</li> <li>• pistil</li> <li>• photosynthesis</li> <li>• seed dispersal</li> <li>• terrarium</li> </ul>
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<b>Year 4 units</b>	<b><u>Human Nutrition</u></b>	<b><u>Grouping Living Things</u></b>	<b><u>Dangers to Living Things</u></b>	<b><u>Sound</u></b>	<b><u>Electricity</u></b>	<b><u>Changes of State</u></b>
	<ul style="list-style-type: none"> <li>• saliva</li> <li>• digest</li> <li>• oesophagus</li> <li>• nutrients</li> <li>• enamel</li> <li>• plaque acid</li> <li>• incisor</li> <li>• canine</li> <li>• molar</li> </ul>	<ul style="list-style-type: none"> <li>• bio-diversity</li> <li>• explore</li> <li>• classification keys</li> <li>• species</li> <li>• invertebrates</li> <li>• flora</li> <li>• fauna</li> <li>• David Attenborough</li> </ul>	<ul style="list-style-type: none"> <li>• food chain</li> <li>• producer</li> <li>• consumer</li> <li>• prey</li> <li>• predator</li> <li>• endangered</li> <li>• extinct</li> <li>• deforestation</li> </ul>	<ul style="list-style-type: none"> <li>• sound wave</li> <li>• pitch</li> <li>• volume</li> <li>• ear drum</li> <li>• vibrations</li> <li>• tension</li> <li>• decibel</li> </ul>	<ul style="list-style-type: none"> <li>• identify</li> <li>• appliances</li> <li>• simple circuit</li> <li>• cells</li> <li>• wires</li> <li>• switches and buzzers</li> <li>• conductor insulator</li> </ul>	<ul style="list-style-type: none"> <li>• solid</li> <li>• liquid</li> <li>• gas</li> <li>• evaporation</li> <li>• condensation</li> <li>• water cycle</li> <li>• Celsius</li> <li>• precipitation</li> <li>• enquiry fair test</li> </ul>

<b>Year 5 units</b>	<b><u>Forces</u></b>	<b><u>Separating mixtures</u></b>	<b><u>Types of Change</u></b>	<b><u>Earth and Space</u></b>	<b><u>Life Cycles</u></b>	<b><u>Materials</u></b>
	<ul style="list-style-type: none"> <li>• force</li> <li>• gravitational pull</li> <li>• mass</li> <li>• friction</li> <li>• Newton meter</li> <li>• air resistance</li> <li>• streamlined</li> <li>• mechanism</li> </ul>	<ul style="list-style-type: none"> <li>• mixture</li> <li>• soluble</li> <li>• dissolve</li> <li>• solution</li> <li>• variable</li> <li>• filtering</li> <li>• sieving substance recovery</li> </ul>	<ul style="list-style-type: none"> <li>• reversible change</li> <li>• irreversible change</li> <li>• chemical change</li> <li>• solute</li> <li>• solvent</li> <li>• acid</li> <li>• melting point</li> <li>• refute</li> </ul>	<ul style="list-style-type: none"> <li>• orbit</li> <li>• solar system</li> <li>• spherical bodies</li> <li>• satellite</li> <li>• axis</li> <li>• geocentric model</li> </ul>	<ul style="list-style-type: none"> <li>• metamorphosis</li> <li>• Jane Goodall</li> <li>• independence</li> <li>• primate</li> <li>• fledgling</li> <li>• juvenile</li> <li>• gestation</li> <li>• data collection</li> </ul>	<ul style="list-style-type: none"> <li>• absorbency</li> <li>• opaque</li> <li>• components</li> <li>• conductivity</li> <li>• thermal insulator</li> <li>• causal relationship</li> <li>• evidence</li> <li>• scatter graph</li> </ul>

	<ul style="list-style-type: none"> <li>gears</li> </ul>			<ul style="list-style-type: none"> <li>heliocentric model</li> <li>astronomer moon</li> </ul>		
<b>Year 6 units</b>	<u>Light and Sight</u> <ul style="list-style-type: none"> <li>light source</li> <li>beam</li> <li>reflection</li> <li>iris</li> <li>shadow</li> <li>periscope</li> <li>opaque</li> <li>translucent</li> </ul>	<u>Changing Circuits</u> <ul style="list-style-type: none"> <li>engineer</li> <li>circuit</li> <li>cell</li> <li>current</li> <li>voltage</li> <li>resistance</li> <li>conductor</li> <li>insulator</li> </ul>	<u>Our Bodies</u> <ul style="list-style-type: none"> <li>circulatory system</li> <li>valves</li> <li>ventricles</li> <li>atrium</li> <li>platelets</li> <li>deoxygenated blood</li> <li>carbon dioxide</li> <li>nutrients</li> </ul>	<u>Evolution and Inheritance</u> <ul style="list-style-type: none"> <li>offspring</li> <li>inheritance</li> <li>characteristics</li> <li>adaptation</li> <li>fossils</li> <li>evolution</li> <li>Charles Darwin</li> </ul>	<u>Classifying Living Things</u> <ul style="list-style-type: none"> <li>micro-organisms</li> <li>identification key</li> <li>characteristics</li> <li>Carl Linneaus</li> <li>refute ideas</li> <li>scatter graph</li> <li>variables</li> </ul>	<u>Review and celebration</u> Revision of vocabulary covered previously.
	<ul style="list-style-type: none"> <li>refraction</li> </ul>		<ul style="list-style-type: none"> <li>pulse</li> </ul>	<ul style="list-style-type: none"> <li>ancestor</li> <li>natural selection</li> </ul>	<ul style="list-style-type: none"> <li>comparative tests</li> </ul>	