



# Science Vocabulary Progression

EYFS	1	2	3	4	5	6
Understanding the World Family Sibling Mum Dad Grandma Grandad Nanny Family tree Baby Grown up Teenager Toddler Healthy eating, fruit, vegetables, new life, growing, herbivore, omnivore, carnivore, nest, natural world,	Animals incl Humans 1 fish reptile mammal bird leg arm elbow	Animals incl Humans survival water air food adult offspring exercise hygiene	Animals incl Humans movement muscles bones nutrition nutrients skeleton	Animals incl Humans tongue teeth oesophagus stomach intestine herbivore carnivore canine incisors molar omnivore	Animals incl Humans foetus embryo womb gestation baby toddler teenager elderly growth development puberty	Animals incl Humans circulation heart blood vessels veins arteries oxygenated deoxygenated valves exercise respiration
Understanding the World cocoon, chrysalis, butterfly, caterpillar, living things, habitats, mini- beasts, land animals, nocturnal animals, environment, differences, sea animals,	Animals incl Humans 2 head ear nose back wing beak Plants flowering plants, trees, leaf, flower, blossom, petal, fruit, berry, root, bulb, seed, trunk, branch, stem, bark, stalk, vegetable	Living Things and their Habitats Habitat, Living, dead, never been alive, names habitats eg. woodland, meadow, micro habitats, food, food chain, shelter Plants seeds, bulbs, water, light, growth, healthy, shoot, seedling, roots, stem, petal, flower	Plants air light water nutrients soil reproduction transportation dispersal pollination flowers	Living Things and their Habitats vertebrate amphibian reptile mammal invertebrate insect environment habitat organism species extinct	Living Things and Their Habitats mammal reproduction insect amphibian bird offspring	Living Things and Habitats classification vertebrate invertebrate micro-organisms amphibian reptile insect mammal
Understanding the World Natural, not natural	Everyday Materials and their Uses Properties Rough Smooth	Everyday Materials and their Uses (1 of 2) stretchy stiff shiny	Rocks fossil soil sandstone granite	States of Matter solid liquid evaporation condensation	Properties and Changes of materials hardness solubility transparency	Evolution and Inheritance fossil adaptation evolution characteristics



## Science Vocabulary Progression

<p>Materials, differences, changes.</p> <p>Dinosaur, palaeontologist, bones, fossils, extinct, past, years ago, differences, float, sink, land, water.</p>	<p>Transparent, Opaque</p> <p>Waterproof</p> <p>Not waterproof</p> <p>Shiny</p> <p>Hard</p> <p>Soft</p>	<p>dull</p> <p>rough</p> <p>smooth</p> <p>bendy</p> <p>waterproof</p> <p>absorbent</p>	<p>marble</p> <p>pumice</p> <p>crystal</p> <p>metamorphic</p> <p>igneous</p>	<p>particles</p> <p>temperature</p> <p>heating</p> <p>freezing</p> <p>vapour</p> <p>melting</p> <p>precipitation</p>	<p>transparent</p> <p>conductivity</p> <p>conductor</p> <p>magnetic</p> <p>filter</p> <p>evaporation</p> <p>dissolving</p> <p>mixing</p>	<p>reproduction</p> <p>genetics</p>
<p>Understanding the World</p> <p>World</p> <p>Autumn Seasons</p> <p>Change Dark</p> <p>Colours of leaves</p> <p>autumn, winter, summer, spring,</p> <p>tilt, axis,</p> <p>hemisphere, poles.</p>	<p>Seasonal changes</p> <p>autumn, winter, summer, spring,</p> <p>tilt, axis,</p> <p>hemisphere, poles</p>	<p>Everyday Materials and their Uses (2 of 2)</p> <p>opaque</p> <p>transparent</p> <p>squash</p> <p>twist</p> <p>stretch</p> <p>foil</p> <p>brick</p> <p>paper</p> <p>fabrics</p>	<p>Light</p> <p>light</p> <p>shadow</p> <p>mirror</p> <p>reflective</p> <p>reflect</p> <p>reflection</p>	<p>Sound</p> <p>volume</p> <p>vibration</p> <p>wave</p> <p>pitch</p> <p>tone</p> <p>speaker</p> <p>amplitude</p> <p>vacuum</p> <p>eardrum</p>	<p>Earth and Space</p> <p>sun</p> <p>moon</p> <p>axis</p> <p>rotation</p> <p>night</p> <p>phases</p> <p>constellation</p>	<p>Light</p> <p>refraction</p> <p>reflection</p> <p>light</p> <p>spectrum</p> <p>rainbow</p> <p>colour</p>
<p>Understanding the World</p> <p>Forces</p>			<p>Forces and Magnets</p> <p>magnet</p> <p>magnetic</p> <p>force</p> <p>contact</p> <p>attract</p> <p>repel</p> <p>friction</p> <p>poles</p> <p>push</p> <p>pull</p>	<p>Electricity</p> <p>cell</p> <p>wire</p> <p>bulb</p> <p>switch</p> <p>buzzers</p> <p>battery</p> <p>circuit</p> <p>series</p> <p>conductor</p> <p>insulator</p> <p>generate</p> <p>renewable</p> <p>appliances</p>	<p>Forces</p> <p>resistance</p> <p>friction</p> <p>gravity</p> <p>Newton</p> <p>gears</p> <p>pulley</p>	<p>Electricity</p> <p>cell</p> <p>bulb</p> <p>wire</p> <p>switch</p> <p>buzzers</p> <p>battery</p> <p>circuit</p> <p>series</p> <p>conductor</p> <p>insulator</p> <p>amps</p> <p>volts</p>
<p>Understanding the World</p> <p>Ask why questions</p>	<p>Working Scientifically</p> <p>Questions, predict, answers, equipment, gather, measure, record, results, sort, group, test, explore, observe, compare, describe, similar/ities, different/ces, beaker, pipette, syringe</p>	<p>Working Scientifically</p> <p>Previous vocab plus observe changes over time, notice patterns, secondary sources, hand lenses, egg timers, identify, classify, data,</p>	<p>Working Scientifically</p> <p>Previous vocab plus scientific enquiry changes over time, notice patterns, secondary sources, comparative tests, fair tests, careful, accurate, observations, equipment, gather, measure, record, data, evidence, results, keys, bar charts, table, results, conclusions,</p>	<p>Working Scientifically</p> <p>Previous vocab plus enquiry types increase, decrease, identify, classify, order, notice patterns, relationships, appearance, present results, data loggers</p>	<p>Working Scientifically</p> <p>Previous vocab plus, notice patterns, relationships, independent variable, dependent variable, controlled variable, accuracy, precision, degree of trust, classification keys, scatter graphs, line graphs, causal relationships, support/refute, data logger</p>	<p>Working Scientifically</p> <p>Previous vocab plus opinion/fact, confidently name scientific enquiry types</p>



# Science Vocabulary Progression

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