



Science - Vocabulary List

Science Topic	Year 1 and 2	Year 3 and 4	Year 5 and 6	
Working Scientifically	<ul style="list-style-type: none"> <li>experience</li> <li>observe</li> <li>changes</li> <li>patterns</li> <li>grouping</li> <li>sorting</li> <li>classifying</li> <li>compare</li> <li>identify (name)</li> <li>data</li> <li>measure</li> <li>record</li> <li>equipment</li> <li>questions</li> <li>test</li> <li>investigate</li> <li>explore</li> <li>magnifying glass / hand lens</li> <li>same</li> <li>different</li> </ul>	<ul style="list-style-type: none"> <li>develop</li> <li>enquiry</li> <li>practical enquiry</li> <li>fair test</li> <li>comparative test</li> <li>relationships</li> <li>conclusion</li> <li>accurate</li> <li>thermometer</li> <li>data logger</li> <li>estimate</li> <li>data</li> <li>diagram</li> <li>key (identifying)</li> <li>table</li> <li>chart</li> </ul>	<ul style="list-style-type: none"> <li>bar chart</li> <li>results</li> <li>predictions</li> <li>explanation</li> <li>reason</li> <li>similarity</li> <li>difference</li> <li>question</li> <li>evidence</li> <li>information</li> <li>findings</li> <li>criteria</li> <li>values</li> <li>properties</li> <li>characteristics</li> </ul>	<ul style="list-style-type: none"> <li>variables</li> <li>evidence</li> <li>justify</li> <li>accuracy</li> <li>precision</li> <li>scatter graphs</li> <li>bar graphs</li> <li>line graphs</li> <li>argument (science)</li> <li>causal relationship</li> </ul>
Animals, including humans	<ul style="list-style-type: none"> <li>names of common animals: fish, amphibians, reptiles, birds, mammals, carnivores, herbivores</li> <li>teeth</li> <li>grow</li> <li>healthy</li> <li>offspring</li> <li>adults</li> <li>young</li> <li>water</li> <li>air</li> <li>survive</li> <li>exercise</li> </ul>	<ul style="list-style-type: none"> <li>nutrition</li> <li>diet</li> <li>skeleton</li> <li>muscles</li> <li>protection</li> <li>support</li> <li>movement</li> <li>bones</li> <li>skull</li> <li>shell</li> </ul>	<ul style="list-style-type: none"> <li>puberty</li> <li>gestation period</li> <li>circulatory system</li> <li>heart</li> <li>lungs</li> <li>blood vessels</li> <li>blood</li> <li>lifestyle</li> <li>disease</li> <li>water transportation</li> </ul>	

	<ul style="list-style-type: none"> <li>• omnivores</li> <li>• name the senses</li> <li>• habitat</li> <li>• local environment</li> <li>• pet</li> <li>• wild animal</li> <li>• insect</li> <li>• minibeast</li> <li>• food</li> <li>• eat</li> <li>• basic body parts (head, neck, body, arms, legs, ears, etc,</li> </ul>	<ul style="list-style-type: none"> <li>• hygiene</li> <li>• egg</li> <li>• chick</li> <li>• chicken</li> <li>• caterpillar</li> <li>• pupa</li> <li>• moth</li> <li>• butterfly</li> <li>• tadpole</li> <li>• frog</li> <li>• frog spawn</li> <li>• lamb / sheep</li> <li>• calf / cow</li> <li>• foal /horse</li> </ul>	<ul style="list-style-type: none"> <li>• digestive system</li> <li>• stomach</li> <li>• small intestine</li> <li>• large intestine</li> <li>• oesophagus</li> <li>• types of teeth: molar, premolar, incisor, canine</li> <li>• saliva</li> </ul>	<ul style="list-style-type: none"> <li>• nutrient transportation</li> <li>• oxygen</li> <li>• air</li> <li>• breathing</li> <li>• exercise</li> <li>• diet</li> <li>• drugs</li> </ul>
Plants	<ul style="list-style-type: none"> <li>• plants (wild and garden)</li> <li>• evergreen trees</li> <li>• deciduous trees</li> <li>• name of some common flowering plants</li> <li>• flowers</li> <li>• vegetables</li> <li>• leaf/leaves</li> <li>• flower blossom</li> <li>• petal</li> <li>• stem</li> <li>• trunk</li> <li>• branch</li> <li>• root</li> <li>• seed</li> <li>• bulb</li> </ul>	<ul style="list-style-type: none"> <li>• bud</li> <li>• growth</li> <li>• habitat</li> <li>• local environment</li> <li>• water</li> <li>• light</li> <li>• temperature</li> <li>• healthy growth</li> <li>• survive</li> <li>• soil</li> <li>• germinate</li> <li>• stages of growth</li> </ul>	<ul style="list-style-type: none"> <li>• functions</li> <li>• nutrients</li> <li>• nutrition</li> <li>• air</li> <li>• transport (water)</li> <li>• life cycle</li> <li>• pollination</li> <li>• seed formation</li> <li>• seed dispersal</li> <li>• reproduce</li> <li>• fertiliser</li> </ul>	

<p>Living things and their habitats (including evolution and inheritance)</p>	<ul style="list-style-type: none"> <li>• pond</li> <li>• garden</li> <li>• field</li> <li>• park</li> <li>• woodland</li> <li>• sea shore</li> <li>• river</li> <li>• ocean</li> <li>• forest</li> <li>• rainforest</li> <li>• stones</li> <li>• rocks</li> <li>• logs</li> <li>• leaf litter</li> </ul>	<ul style="list-style-type: none"> <li>• micro-habitat</li> <li>• living</li> <li>• dead</li> <li>• not living</li> <li>• alive</li> <li>• healthy</li> <li>• food chain</li> <li>• depend</li> <li>• source of food</li> <li>• shelter</li> <li>• grow</li> <li>• growth</li> <li>• habitat</li> <li>• healthy</li> </ul>	<ul style="list-style-type: none"> <li>• environment</li> <li>• non-flowering plants</li> <li>• ferns</li> <li>• mosses</li> <li>• flowering plants</li> <li>• grasses</li> <li>• vertebrate animals: fish, birds,</li> <li>• mammals, amphibians, reptiles</li> <li>• invertebrate animals: snails, worms, slugs, spiders, insects</li> <li>• human impact - litter, deforestation, population increase, nature reserves</li> </ul>	<ul style="list-style-type: none"> <li>• life cycles</li> <li>• reproduction</li> <li>• life processes</li> <li>• sexual and asexual reproduction (plants)</li> <li>• classification</li> <li>• microorganisms</li> <li>• organisms</li> <li>• evolution</li> <li>• evolve</li> <li>• adaptation</li> <li>• variation</li> <li>• inherit</li> <li>• inheritance</li> </ul>
<p>Materials</p>	<ul style="list-style-type: none"> <li>• everyday materials</li> <li>• wood, paper, plastic, metal, glass, water, rock, brick, stone, fabric, material, foil, elastic, dough, rubber, card</li> <li>• cardboard, clay</li> <li>• object</li> <li>• make/made</li> <li>• hard/soft</li> <li>• shiny/dull</li> <li>• stretchy/stiff</li> <li>• rough/smooth</li> <li>• bendy/not bendy</li> <li>• waterproof/not waterproof</li> <li>• transparent/opaque</li> <li>• absorbent/not absorbent</li> <li>• squash</li> <li>• twist</li> <li>• bend</li> </ul>		<ul style="list-style-type: none"> <li>• properties</li> <li>• hardness</li> <li>• solubility</li> <li>• transparency</li> <li>• electrical conductivity</li> <li>• thermal conductivity</li> <li>• magnetism</li> <li>• dissolve</li> <li>• solution</li> <li>• substance</li> <li>• separating</li> <li>• mixing</li> <li>• filtering</li> <li>• sieving</li> <li>• reversible/irreversible</li> <li>• burning</li> <li>• rusting</li> <li>• reactions</li> </ul>	

Rocks and soils		<ul style="list-style-type: none"> <li>• rock</li> <li>• soil</li> <li>• fossil</li> <li>• organic matter</li> <li>• grains</li> <li>• crystals</li> <li>• sedimentary rock</li> </ul>	
States of matter		<ul style="list-style-type: none"> <li>• solid</li> <li>• liquid</li> <li>• gas</li> <li>• temperature</li> <li>• heat (heating)</li> <li>• cool (cooling)</li> <li>• water cycle</li> <li>• evaporation</li> <li>• condensation</li> <li>• melting</li> <li>• freezing</li> </ul>	
Earth and space	<ul style="list-style-type: none"> <li>• seasons - spring, summer, autumn, winter</li> <li>• seasonal change</li> <li>• weather</li> <li>• sun /sunshine</li> <li>• rain/snow/sleet/ice/frost/fog</li> <li>• cloud</li> <li>• hot / cold</li> <li>• storm</li> <li>• sky</li> <li>• Earth</li> <li>• night / day</li> </ul>		<ul style="list-style-type: none"> <li>• solar system</li> <li>• planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Neptune, Uranus</li> <li>• moon</li> <li>• stars</li> <li>• spherical bodies</li> <li>• rotation</li> <li>• orbit</li> <li>• satellite</li> </ul>
Electricity	<ul style="list-style-type: none"> <li>• electricity</li> <li>• light bulb</li> <li>• plug socket</li> </ul>	<ul style="list-style-type: none"> <li>• simple circuit</li> <li>• cell</li> <li>• wire</li> </ul>	<ul style="list-style-type: none"> <li>• voltage</li> <li>• components</li> <li>• symbols</li> </ul>

		<ul style="list-style-type: none"> <li>• buzzer</li> <li>• switch</li> <li>• motor</li> <li>• battery</li> <li>• series circuit</li> <li>• conductor</li> <li>• insulator</li> </ul>	<ul style="list-style-type: none"> <li>• circuit diagram</li> </ul>
Forces	<ul style="list-style-type: none"> <li>• move</li> <li>• movement</li> <li>• surfaces</li> <li>• forces</li> <li>• push</li> <li>• pull</li> <li>• contact</li> </ul>	<ul style="list-style-type: none"> <li>• distance</li> <li>• magnet (bar / ring / horseshoe)</li> <li>• attract</li> <li>• repel</li> <li>• poles (of magnets)</li> <li>• magnetic materials</li> </ul>	<ul style="list-style-type: none"> <li>• gravity</li> <li>• air resistance</li> <li>• water resistance</li> <li>• friction</li> <li>• levers / pulleys</li> <li>• gears</li> <li>• springs</li> </ul>
Light	<ul style="list-style-type: none"> <li>• light</li> <li>• dark</li> <li>• shadow</li> </ul>	<ul style="list-style-type: none"> <li>• dark (absence of light)</li> <li>• reflect</li> <li>• shadow</li> <li>• opaque</li> <li>• mirror</li> <li>• reflective surface</li> </ul>	<ul style="list-style-type: none"> <li>• light sources</li> <li>• periscope</li> </ul>
Sound	<ul style="list-style-type: none"> <li>• sound</li> </ul>	<ul style="list-style-type: none"> <li>• vibration</li> <li>• vibrate</li> <li>• pitch</li> <li>• volume</li> <li>• insulation</li> </ul>	