

Science Vocabulary progression

| Area of subject | EYFS | Year 1/2 | | Year 3/4 | | Year 5/6 | |
|---|---|--|--|---|---|---|---|
| Materials (Y6 Properties and Changes of Materials) | absorb bumpy dry floating frozen ice material melting reflection sinking smooth symmetry texture waterproof wet | flexible gas liquid magnetic materials metal opaque plastic rigid shiny stretch transparent waterproof wood | bend metal plastic squash stretch twist wood | | | bicarbonate conductivity dissolve evaporation filtering irreversible melting reversible separate soda solubility thermal transparency | |
| Living Things and their Habitat (Year 5 Living things and their changes) | | | desert dinosaur indigenous microhabitats ponds rainforest rivers sea species woodland | | algae amphibians birds fish fungi invertebrate mammals micro-organism reptiles species vertebrate | classification embryo gestation obese precision puberty reproduction teenager toddler | algae bacteria fungi invertebrates micro-organism monera protista species vertebrates |
| Animals and Animals including Humans | | amphibians birds carnivore fish herbivore insects mammals | carbohydrates diet exercise fats healthy hygiene nutrition | balanced diet carbohydrates exercise fats healthy nutrients nutrition | canine dentil enamel food chain incisors intestine molars | | |

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|--|---|---|---|--|---|--|--|
| | | nocturnal omnivore reptiles tame | off-spring proteins | oxygen protein survival water | organ oesophagus pancreas pre-molars predators prey pupil salivary gland | | |
| Plants | branches flower fruit leaves petal plant roots stem tree trunk vegetable | blossom branches buds bulbs deciduous environment evergreen fruit petals trunk vegetable wild plants | blossom bulb crown deciduous evergreen habitat oxygen roots stem trunk woodland | anther fertiliser nutrients pollination roots seed dispersal seed formation stem stigma trunk | | | |
| Healthy Living Skeleton and Muscles Circulatory System | diet emotions exercise healthy hydrated hygiene mindfulness mental health nutrients | | | bone cartilage joint muscle pelvis rib cage skeleton skull spine tendon | | | atriums blood vessels capillaries cardiologists cardiovascular drugs muscle pulse ultrasound ventricles |
| Forces and Magnets Forces | | | | attract force magnet magnetic magnetic field magnetic pole non-magnetic repel | | air resistance friction gears gravity levers parachute pulleys surface resistance water resistance | |

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|----------------------------|--|--|--|--|--|---|---|
| Electricity | | | | | appliance battery buzzers cells circuits conductor insulator socket switch | | cells conductor dimmer switch fuses generator insulator series circuits socket volts |
| Sound -Y4 Light -Y6 | | | | | amplitude auditory decibel frequency insulation medium pitch sound wave vibrating volume | | concave convex cornea iris lens light source light wave pupil refraction retina |
| | | Seasonal Change autumn spring summer temperature thermometer weather weather symbol winter | | Rocks crystal fossil igneous metamorphic mineral organic matter rock sedimentary soil | States of Matter celsius condensation evaporation freezing point gas irreversible liquid matter melting point molecules precipitation reversible solid temperature | Earth and Space astronomical crescent moon eclipse gibbous moon lunar orbit planet rotation solar solar system spherical | Evolution and Inheritance adaptation chromosomes evolution excavating genes inheritance off-spring palaeontologist predators |