

# VOCABULARY PROGRESSIONS

**Chemistry**

**Biology**

**Physics**

# VOCABULARY PROGRESSION

## CHEMISTRY

Materials

Rocks

States of Matter

Properties and Changes of Materials

# MATERIALS

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
wood, plastic, glass, paper, metal, rock, hard, soft, rough, smooth, shiny, dull, bendy, stiff	brick, fabric, elastic, foil, property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch, push, pull, roll, slide, bounce			hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible	

# ROCKS

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
		soils, organic matter, fossil, crystal sandstone, granite, marble, pumice absorbent, crumble sedimentary, layer, sediment igneous, magma, lava, gas bubbles (tiny holes/spaces) metamorphic, change, squeeze, pressure			

# STATES OF MATTER

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
			solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating		

# PROPERTIES AND CHANGES OF MATERIALS

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
				hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible	

# VOCABULARY PROGRESSION

## BIOLOGY

Animals, including Humans

Plants

Living Things and Their Habitats

Evolution and Inheritance

# ANIMALS, INCLUDING HUMANS

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
<p>amphibians, fish, reptiles, mammals, birds, herbivore, omnivore, carnivore head, nose, ear, neck, shoulder, arm, elbow, wrist, hand, back, chest, hip, leg, knee, ankle, foot wing, beak, tail, fin sight, smell, touch, taste, hearing</p>	<p>survival, water, air, food reproduce, adult, baby, offspring, kitten, calf, puppy food chain, prey, predator, camouflage, protection exercise, hygiene, balanced diet</p>	<p>skeleton, skull, bones, muscles, movement, support, protection, nutrition</p>	<p>mouth, tongue, teeth, esophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar producer, consumer, apex predator</p>	<p>womb, foetus, embryo, gestation, baby, toddler, teenager, elderly growth, development, puberty</p>	<p>function, circulatory system, heart, valve, blood vessel, vein, artery transport, oxygenated, deoxygenated lifestyle, drug</p>



# PLANTS

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
deciduous, evergreen, tree, leaf, flower (blossom), petals, fruit, bulb, seed, roots, stem, trunk, branches	growth, germinate, light, temperature reproduce, lifecycle	air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination			

# LIVING THINGS AND THEIR HABITATS

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
	living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond		vertebrates, invertebrates (+ 1 example of each), environment, habitat, classification key	life process, reproduction, offspring,	characteristic, classification, organism, micro-organism

# EVOLUTION AND INHERITANCE

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
					adaptation, evolution, characteristic, reproduction, genetics, survival, trace fossil, body fossil, chemical fossil offspring, inherit, acquire, breeding, DNA, variation,

# VOCABULARY PROGRESSION

## PHYSICS

Seasonal Change  
Light and Sound  
Forces and Magnets  
Earth and Space  
Electricity

# SEASONAL CHANGE

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
season, spring, summer, autumn, winter, month, year, day, night, sun, moon, light, dark					

# LIGHT AND SOUND

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
		light source, mirror, reflect, reflective, reflection shadow, blocked, transparent, translucent, opaque	vibration, wave, volume, pitch, tone, insulation		refraction, reflection, spectrum, rainbow

# FORCES AND MAGNETS

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
		force, contact, surface, magnetic, attract, repel, poles		air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons	

# EARTH AND SPACE

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
				Earth, Sun, Moon, Mercury, Venus, Mars, Jupiter, Uranus, Neptune, Saturn, solar system, axis of rotation, day, night, phases of the moon, star, constellation, time zones, astronaut	



# ELECTRICITY

Year One	Year Two	Year Three	Year Four	Year Five	Year Six
			appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator		circuit - series, parallel voltage, volts, amps