

TAP SCIENCE CURRICULUM VOCABULARY PROGRESSION

YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Working Scientifically		Working Scientifically		Working Scientifically	
<p>question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources record – diagram, chart</p>		<p>oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, secondary sources, guides, keys, construct, interpret research – relevant question equipment – thermometer, data – gather, standard units, record, classify, present, record – drawings, labelled diagrams, keys, bar charts, tables</p>		<p>plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative measurements report data – scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs report and present – conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation evidence – support, refute, ideas or arguments biology, physics, chemistry</p>	
Animals including humans	Animals including humans	Animals including humans	Animals including humans	Animals including humans	Animals including humans
<p>amphibians, fish, reptiles, mammals, birds (+ 1 example of each) 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, oesophagus, 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>

<p>Plants deciduous, evergreen, tree, leaf, flower (blossom), petals, fruit, bulb, seed, roots, stem, trunk, branches</p>	<p>Plants growth, germinate, light, temperature reproduce, lifecycle</p>	<p>Plants air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination</p>	<p>Living things & their habitats vertebrates, invertebrates (+ 1 example of each) environment, habitat, classification key</p>	<p>Living things & their habitats life process, reproduction, offspring,</p>	<p>Living things & their habitats characteristic, classification, organism, micro-organism</p>
<p>Everyday materials wood, plastic, glass, paper, metal, rock hard, soft, rough, smooth, shiny, dull, bendy, stiff</p>	<p>Everyday materials and their uses brick, fabric, elastic, foil, property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch push, pull, roll, slide, bounce</p>	<p>Rocks 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</p>	<p>States of matter solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating</p>	<p>Properties and changes to materials hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible</p>	<p>Evolution & Inheritance adaptation, evolution, characteristic, reproduction, genetics, survival</p>
<p>Seasonal change season, spring, summer, autumn, winter, month, year, day, night, sun, moon, light, dark</p>	<p>Living things & their habitats living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond</p>	<p>Light light source, mirror, reflect, reflective, reflection shadow, blocked transparent, translucent, opaque</p>	<p>Sound vibration, wave, volume, pitch, tone, insulation</p>	<p>Earth & Space Earth, sun, moon, solar system, axis of rotation, day, night, phases of the moon, star, constellation</p>	<p>Light refraction, reflection, spectrum, rainbow</p>
		<p>Forces & magnets force, contact, surface, magnetic, attract, repel, poles</p>	<p>Electricity appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator</p>	<p>Forces air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons</p>	<p>Electricity circuit - series, parallel voltage, volts, amps</p>

