

Much Marcle Primary School – Science - Vocabulary Progression							
CURRICULUM AREA	EYFS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Working Scientifically	Look at, compare, explore, change, sort	question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources record – diagram, chart		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		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	
Plants	Flower, leaf, tree, seed, soil, plant, water, sunlight, heat	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			
Materials	Hard, soft, smooth, wood, plastic, glass, cold, wet, hot	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	
Seasonal changes	Change, colour, leaves, spring, summer, autumn, winter, Christmas, Easter, lambs, chicks, dark	season, spring, summer, autumn, winter, month, year, day, night, sun, moon, light, dark					
Animals, including humans	Body, head, arms, legs, Senses, animals, babies, pets	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	survival, water, air, food reproduce, adult, baby, offspring, kitten, calf, puppy food chain, prey, predator, camouflage, protection exercise, hygiene, balanced diet	skeleton, skull, bones, muscles, movement, support, protection, nutrition	mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar producer, consumer, apex predator	womb, foetus, embryo, gestation, baby, toddler, teenager, elderly growth, development, puberty	function, circulatory system, heart, valve, blood vessel, vein, artery transport, oxygenated, deoxygenated lifestyle, drug
Living things and their habitats	House, nest, home, inside, outside, food		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
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			
Light				light source, mirror, reflect, reflective, reflection shadow, blocked transparent, translucent, opaque			refraction, reflection, spectrum, rainbow
Forces and magnets	Floating, sinking, push, pull			force, contact, surface, magnetic, attract, repel, poles		air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons	
States of matter					solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating		
Sound	Loud, quiet, soft, music, noise				vibration, wave, volume, pitch, tone, insulation		
Electricity					appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator		circuit - series, parallel voltage, volts, amps
Earth and Space	Technology, space, travel, moon, astronaut, rocket, Earth					Earth, sun, moon, solar system, axis of rotation, day, night, phases of the moon, star, constellation	
Evolution and inheritance							adaptation, evolution, characteristic, reproduction, genetics, survival