

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 |