

CALTON CURRICULUM - VOCABULARY PROGRESSION

	YR	Y1	Y2	Y3	Y4	Y5	Y6
Animals including Humans	dog, cat, rabbit, guinea pig, fish, hamster, cow, pig, sheep, horse, hen, pets, farm, head, shoulders, knees, toes, eyes, ears, mouth, nose, see, hear, touch, feel	head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, touch, see, smell, taste, hear, fingers (skin), eyes, nose, ear, tongue	offspring, grow, adults, young/old, nutrition, reproduce/reproduction, survival, water, food, air, exercise, heartbeat, breathing, hygiene, germs, disease, stages, egg-chick-chicken, egg-caterpillar-pupa-butterfly, baby-toddler-child-teenager-adult, examples of food (pasta, bread, meat, fish, fruit, vegetables)	nutrition, nutrients, vitamins, minerals, fat, protein, carbohydrates, sugars, fibre, water, skeletons (support, protection), skulls (brain), ribs (heart, lungs), joint, muscles (movement, pull, contract, relax)	human digestive system, mouth, tongue, moistens, saliva, teeth, incisors, canines, molars, premolars, chewing, grinding, oesophagus, transports, stomach, acid, enzymes, small intestine, large intestine, rectum, anus, carnivore, herbivore, omnivore, brush, floss, food chain, sun, producers, prey/predators, hibernate	fertilisation, prenatal, gestation, reproduce, asexual reproduction, sexual reproduction, life cycle, adolescence, puberty, menstruation, adulthood, baby, child, toddler, teenager, adult, gestation, growth, foetus, embryo, womb, elderly, development, puberty	circulatory system, heart, blood, blood vessels, pumps, oxygen, carbon dioxide, lungs, nutrients, water, diet, exercise, drugs, lifestyle, pulse rate, transported, water, muscles
Living Things and their Habitats	dog, cat, rabbit, guinea pig, fish, hamster, cow, pig, sheep, horse, hen, pets, farm, home		living, dead, never been alive, suited/suitable, habitats, micro-habitats, basic needs, food, food chain, alive, healthy, logs, leaf litter, stony path, under bushes, shelter, seashore, woodland, ocean, rainforest, conditions, hot/warm/cold, dry/damp/wet, bright/dark/shade		environment, flowering, non-flowering, vertebrate, danger, populations, development, litter, deforestation, classification keys, habitat, human impact, migrate	plants, animals, reproduction, plants (sexual/asexual), animals (sexual), life cycles (mammal, amphibian, insect, bird), rainforest, oceans, desert, prehistoric, germination, pollination, stamen, stigma, sperm, fertilises, egg, live young, metamorphosis, plantlets, runners, bulbs, cuttings	
Plants	plant, leaf, root, leaves, flowers stem, tree, fruit, vegetables, seed, lifecycle, grow, change	common wild plants, garden plants, tree, deciduous, evergreen, trunk/bark, branches, leaf, root, plant, leaf, bud, flowers, blossom, petal/s, root, stem/stalk, fruit, berry, vegetables, bulb, seed	water, light, shade, sun, warm, cool, grow, suitable temperature, healthy, germination, reproduction	stem/trunk, leaves, flowers) function (nutrition, support, reproduction), requirements for life and growth (air, light, water, nutrients from soil, room to grow), fertiliser, life cycle (pollination, seed formation, seed dispersal), photosynthesis, pollen, insect/wind pollination, seed dispersal (wind, animal, water)			
Evolution and Inheritance							evolution, suited/suitable, adapted/adaptation, offspring, characteristics, vary/variation, inherit/inheritance, fossils, sexual reproduction, environment
Materials	materials, leaves, sticks, pebbles, bark, texture, natural, sand, water, paint, playdough, changes of state, cooking, heating, cooling, freezing	object, material, wood, plastic, glass, metal water, rock, brick, clay, properties, hard/soft, stretchy, stiff, shiny, dull, rough/smooth, bendy/stiff, waterproof, absorbent, paper, fabrics, elastic, foil, card/cardboard, floppy	names of materials as Y1 (increase the range) properties of materials – as Y1 plus: opaque, transparent, translucent, reflective, non-reflective, flexible, rigid, shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching	Rocks and Soils: rock, stone, pebble, boulder, soil, layers, hard/soft, fossil, grains, crystals, hard/soft, texture, absorb water, marble, chalk, granite, sandstone, slate, sandy soil, clay soil, chalky soil, peat	States of Matter: solid, liquid, gas, air, oxygen, powder, grain, crystals, ice, water, steam, water vapour, heated/heating, cooled/cooling, temperature, degrees Celsius, solidify, molten, boil, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle	solid, liquid, gas, air, oxygen, powder, grain/granular/crystals, ice/water/steam, water vapour, heated/heating, cooled/cooling, temperature, degrees Celsius, melt, freeze, solidify, melting point, molten, boil, change of state, soluble/insoluble, transparency, conductive, magnets, dissolve, solution, separate, filtering/sieving, evaporating, reversible changes, non-reversible, evaporation, irreversible, insulation, thermal/electrical, insulator/conductor, burning, chemical, opaque/transparent, rusting, residue, condensing	

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Seasonal changes	seasons, Autumn, Winter, Spring, Summer, weather, sunny, stormy, wind, rain, cloudy, changes, cold, hot, warm, chilly	season, spring, summer, autumn, winter, weather, hot/warm, cool/cold, sun/sunny, cloud/cloudy, wind/windy, rain/rainy, snow/snowing, hail/hailing, sleet, frost, fog/mist, ice/icy, rainbow, thunder, lightning, storm, light/dark, day/night, day length					
Light				light, light source, see, dark, absence of light, reflect, reflective, surface, natural, star, Sun, moon, artificial, torch, candle, lamp, translucent, transparent, opaque, shiny, matt, shadow, reflect, mirror, sunlight, dangerous			light, travels, straight, reflect, reflection, light source, object, shadows, mirrors, periscope, rainbow, filters, straight lines, light rays, diffusion, refraction, angle of incidence, opaque, transparent and translucent.
Sound					sound, noise, vibrate, travel, solid, liquid, gas, pitch (high/low), tune, high, low, volume, loud, quiet, fainter, muffle, insulation, instrument, percussion, strings, brass, woodwind, tuned instrument		
Forces and Magnets				force, magnetic force, magnetic, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, push, pull, twist, contact, non-contact, open, surface, attract, repel, magnetic poles, north pole, south pole, metal, iron, steel			
Space						Earth, planets, Sun, solar system, Moon, celestial body, sphere/spherical, rotate/rotation, spin, night and day, star, planets, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, dwarf planet, orbit, revolve, geocentric model, heliocentric model, shadow clocks, sundials, astronomical clocks	
Electricity					appliances, electricity, device, electrical circuit, cell, wire, bulb, buzzer, danger, electrical safety, sign, insulators, switch, open, closed, components, motor, mains/plug, circuit, complete circuit, connect, battery/positive/negative, connection, loose connection, short circuit, clip, motor connector, metal/non-metal, symbol		appliances, electrical circuit, complete circuit, circuit diagram, components, cell/battery, positive/negative, terminal, connection, loose connection, short circuit, wire, crocodile clip, lamp, brightness, switch, buzzer, volume, motor, conductor, insulator, voltage, current, resistance, danger, series circuit, parallel circuit