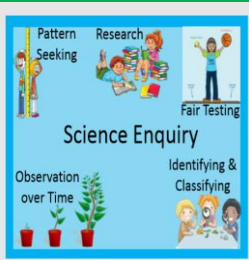






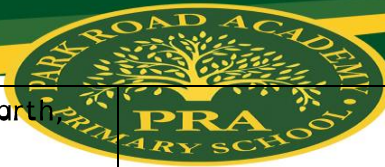
Science – Vocabulary Progression Map

Below is the Vocabulary progression map for Science. This outlines the key vocabulary the children will understand by the end of each Key Stage. They show the types of language and vocabulary the staff will use to broaden the children’s understanding of science.

Scientific Subject	EYFS	KS1	LKS2	UKS2
Working Scientifically 	<p>Question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, 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, thermometer, gather, standard units, record, classify, diagrams, bar charts, tables, labelled.</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>






<p>Animals including Humans</p> 	<p>Human, animal, fish, birds, head, face, hair, leg, elbow, back, toes, hands, fingers</p>	<p>Sense, eye, ear, nose, mouth, hand, foot, feet, senses, arm, leg, head, neck, knee, wing, beak, see, hear, smell, touch, feel, alive, living, not alive, human, animal, tall, tallest, taller like, similar, to, different, same, body, bodies, change, sort, shorter, shortest, grow, move adult, young</p>	<p>Herbivore, carnivore, omnivore, feed, feeding, growth, activity, food groups, vegetables, meat, fish, cereals, sugars, fats, fruits, starches, tooth, teeth, incisor, molar, canine, diet, healthy, unhealthy, root, decay, food, balanced diet. Skeleton, bone, bones, ribs, spine, skull, vertebrate, contract relax, contraction, joint, move, muscles, muscle</p>	<p>Babyhood, childhood, adolescence, adulthood 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</p>
<p>Plants</p> 	<p>Tree, trunk, leaves, flowers, petals, fruit, roots, bulb</p>	<p>Plant, plants, branch, root, stem, trunk, flower, leaf, leaves, seeds, weeds, grow, growing, living, alive, not living, not alive, dead, healthy</p>	<p>Plants, light, warmth, water, leaves, roots, stem. grow, growth, height, germinate</p>	<p>Plant growth, fertiliser, nutrients, consumer, producer, predator, prey, food chain, key, suited, plant food, produces, identify, habitats, life processes, Reproduce, reproduction, stamen, stigma, sepal, petal, ovary, pollen, style, germinate, germination, fertilise, fertilisation, pollinate, pollination, disperse, dispersal,</p>
<p>Living things and their habitats</p>	<p>Garden, forest, wood, water</p>	<p>Reproduce, produce young, produce new plants, animals, plants, shoot, within, under,</p>	<p>Habitat, nutrition, environment, keys, condition, consumer, producer, organism, predator, prey, food chain, similar, different</p>	<p>Plant Growth, fertiliser, nutrients, consumer, producer, predator, prey, food chain, Key, suited, plant food, produces, identify, habitats, life processes Micro-organism, microbe,</p>

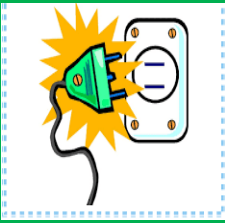



		<p>next to, fruit, earth, soil, seeds</p>		<p>germ, virus, decay, mould, feed, grow, reproduce, bacteria</p>
<p>Evolution and Inheritance</p>				<p>adaptation, evolution, characteristic, reproduction, genetics, survival</p>
<p>Seasonal Changes</p>	<p>Winter, Spring, Summer, Autumn.</p>	<p>Warm, warmth, cold, temperature, thermometer, degrees, Celsius, conductor, insulator, thermal, thermal conductor, thermal insulator, conduct, insulate, measure, room temperature</p>		
<p>Forces</p>		<p>force, contact, surface, magnetic, attract, repel, poles</p>	<p>Force, movement, direction, distance, further, furthest, fast, faster, fastest, slow, slower, slowest, higher, highest, speed up, slow down, change direction, change shape, twist, squeeze, stretch, pull, twist</p>	<p>Friction, air resistance, water resistance, force meter, newton, surface area, forces, resists, Magnet, spring, metal, iron, copper, aluminium, steel, brass, attract, repel, magnetic, non-magnetic, attraction, repulsion, force, elastic,</p>



				pull towards, push away from, stretch, squash, compress
<p>Light</p> 		Bright, light, dark, black, night, day, reflective strip, reflect, torch, Sun, candle, lamp, darker, darkest, brighter, brightest, brightness, shine	Light, dark, shadow, transparent, opaque, direction, light travels, translucent, shortest, longest, highest, object, material, light source, Sun, night, day	Light, beam, reflect, reflection, opaque, mirror, light travelling, source, reflected, travel, block, shiny surface
<p>Sound</p> 	Loud, quiet, volume, sound	Sound, sounds, high, low, loud, quiet, shake, rattle, blow, pluck, tap, scrape, ring, silence, direction, louder, loudest, quieter, quietest, noise, soft, further away, nearer, ear, faint, fainter, volume	vibration, wave, volume, pitch, tone, insulation	Changing sounds, sounds, loudness, vibrate muffle, tuning, quiet, soft, noise, sound, source, loud, high, low, vibrating, soundproof
<p>Earth and Space</p> 	Earth, Moon, planet, space, Sun, star		Rock, slate, granite, sandstone, chalk, soil, clay, sand limestone, quartz, marble, stone, pebble, texture, absorbent, characteristic, surface	Earth, sun, moon, sphere, revolve, orbit, spin, rotate, axis, sunrise, sunset, north, south, east, west, light source, shadow



<p>Electricity</p> 		<p>Electricity, bulb, bulb holder, buzzer, battery, battery holder, switch, circuit, connection, wire, mains, crocodile clip, break, dim, bright, light, plug, socket, brighter</p>	<p>Electricity, electrical, circuit, battery, bulb, crocodile clip, buzzer, motor, conduct, conductor, insulate, insulator, power, bright, brightness, switch, break, dim, batteries,</p>	<p>Changing circuits, circuit, complete circuit, conductor, insulator, symbol, circuit diagram, electricity, component, voltage</p>
<p>Materials</p> 	<p>Metal, plastic, wood, paper, glass, clay, rock, fabric, sand, hard, soft, rough, smooth, shiny, dull, bendy, waterproof, strong, weak, group, object, sort, stretchy, magnetic, not magnetic, lets light through</p>	<p>Materials, natural, man-made, manufactured, object, change, bake, bend, twist, stretch, squash, heat, cool, freeze, melt, boil, new material</p>	<p>Strong, weak, flexible, transparent, soft, hard, waterproof, absorbent, shiny, dull, rigid, rough, smooth, opaque, compare, comparison, describe, description material, characteristics, properties, stretchy. Solid, liquid, melt, freeze, solidify, dissolve, solution, filter, undissolved, separate, sieve, mix</p>	<p>Changing state, evaporate, evaporation, condense, condensation, state, solid, liquid, gas, melt, freeze, conditions, melting, solidify Dissolve, dissolving, undissolved, solution, mixture, evaporate, condense, pure, separate, clear, cloudy, filter, Gas gases, air, oxygen, carbon dioxide, natural gas, carbon monoxide, properties</p>