

Vocabulary

Nursery

Materials	Natural Materials	Natural Materials	Lifecycles	Natural Environment	Natural Environment
Material, wood, plastic, Glass, paper, hard, soft	Grass, wood, fabric, metal, rock		Head, eyes, nose Mouth, ears, hands Fingers, feet, toes Arm, leg, animal Baby, child, adult Egg,	Tree, leaf, flower, stem, seed	Summer, day Spring, dark Autumn, light Winter, night Season, Moon Sun

Reception

Materials	Seasonal Changes - Autumn	Seasonal Changes - Winter	Seasonal - Spring	Lifecycles	Healthy Lifestyles
Material, metal Wood, rock Plastic, hard Glass, soft Paper, fabric Material, smooth Shiny, rough	Summer, day Spring, dark Autumn, light Winter, night Season, sun, moon	Herbivore, Carnivore, Omnivore Summer, day Spring, dark Autumn, light Winter, night	Tree, petals Trunk, fruit Branch, roots Leaves, bulb Flowers, seed stem	Human, Animal, Fish, Birds, Baby, child, adult egg	Back, face, hair, leg Head, toes Ear, hands Eye, fingers Mouth, knee, arm, elbow, stomach, teeth, food, fruit, vegetables, sweets, fatty foods

Year 1

Animals, including humans	Everyday Materials	Plants	Animals, including humans
Head, body, eyes, ears, mouth, teeth, leg. Senses, touch, see, smell, taste, hear, fingers (skin), eyes, nose, ear and tongue	Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see through, not see through	Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud. Names of trees in the local area (also focus on class tree names around school). Names of garden and wild flowering plants in the local area	tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, carnivore, herbivore, omnivore, reptiles, mammals,

Year 2

Use of everyday materials	Plants	Living things and their habitats Animals (including humans)
Names of materials – increased range from year 1 Properties of materials - as for year 1 plus opaque, transparent and translucent, reflective, non-reflective, flexible, rigid Shape, push/pushing, pull/pulling, twist/twisting, squash/squashing. Bend/bending, stretch/stretching	As for year 1 plus - light, shade, sun, warm, cool, water, grow, healthy	Offspring, reproduction, growth, child, young/old stages (examples - chick/hen, baby/child/adult, caterpillar/butterfly), exercise, heartbeat, breathing, hygiene, germs, disease, food types (examples – meat, fish, vegetables, bread, rice, pasta.

Year 3

Practical skills	Rocks	Forces	Plants	Light	Animals, including humans
	Rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water, soil, fossil, marble, chalk, granite, sandstone, slate, soil, peat, sandy/chalk/clay soil	Force, push, pull, twist, contact force, non-contact force, magnetic force, magnet, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole	Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous	Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous	Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, support, protect, move, skull, ribs, spine, muscles, joints

Year 4

States of Matter	Living things and their habitats	Animals, including humans	Sound	Electricity
Solid, liquid, gas, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle	Classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate	Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, nutrients, large intestine, rectum, anus, teeth, incisor, canine, molar, premolars, herbivore, carnivore, omnivore, producer, predator, prey, food chain.	Sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation	Electricity, electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect/connections, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor,

				insulator, metal, non-metal, symbol
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Year 5

Earth and Space	Forces	Properties and changes of materials	Living things and their habitats Animal, including humans
Earth, Sun, Moon, (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune) spherical, solar system, rotates, star, orbit, planets	Force, gravity, Earth, air resistance, water resistance, friction, mechanisms, simple machines, levers, pulleys, gears	Thermal/electrical insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve reversible/non-reversible change, burning, rusting, new material	Life cycle, reproduce, sexual, sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, bulbs, cuttings

Year 6

Electricity and Light	Evolution and inheritance	Practical Science related to KS2	Animals, including humans
As for year 3 plus straight lines, light rays. Circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage NB: The words cells and batteries are now used interchangeably	Offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils	Testing – Comparative / variables / fair testing Data collecting / interpretation results Presenting and evaluation Repeating tests / exploring patterns over time.	Vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, insects, spiders, snails, worms, flowering and non-flowering Heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system, diet, exercise, drugs and lifestyle