

Science – Vocabulary Progression

| | EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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| Working Scientifically | | Question, answer, observe, observing, equipment, identify, classify, sort, group, record, diagram, chart, map, data, compare, contrast, describe, biology, chemistry, physics | | Question, answer, observe, observing, equipment, identify, classify, sort, group, record, diagram, chart, map, data, compare, contrast, describe, biology, chemistry, physics Scientific enquiry, research, comparative, fair test, systematic, accurate, thermometer, data logger, gather, record, classify, present, record, labelled diagram, key, bar chart, table, conclusion, prediction, difference, similarities, changes, evidence, improve, secondary source, guide, key, construct, interpret | | Question, answer, observe, observing, equipment, identify, classify, sort, group, record, diagram, chart, map, data, compare, contrast, describe, biology, chemistry, physics Scientific enquiry, research, comparative, fair test, systematic, accurate, thermometer, data logger, gather, record, classify, present, record, labelled diagram, key, bar chart, table, conclusion, prediction, difference, similarities, changes, evidence, improve, secondary source, guide, key, construct, interpret Plan, variable, precision, repeat readings, labels, classification, predict, estimate, conclusion, relationship, degree of trust, support, refute, identify, classify, describe, pattern | |
| Animals including Humans | Plant, animal | Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene | Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene | Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton | Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, incisor, molar | Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, incisor, molar Foetus, embryo, womb, gestation, baby, toddler, teenager, elderly, growth, development, puberty, adolescent, adult, life, cycle, reproduction | Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, incisor, molar Foetus, embryo, womb, gestation, baby, toddler, teenager, elderly, growth, development, puberty, adolescent, adult, life, cycle, reproduction Circulatory, heart, blood, vessels, veins, arteries, oxygenated, deoxygenated, valve, exercise, respiration, oxygen, carbon dioxide |
| Plants | Plant, flower, grass, tree | Plant, flower, grass, tree Deciduous, evergreen, leaves, flowers, petals, fruit, roots, bulb, seed, trunk, branches, stem | Plant, flower, grass, tree Deciduous, evergreen, leaves, flowers, petals, fruit, roots, bulb, seed, trunk, branches, stem Seeds, bulbs, water, light, | Plant, flower, grass, tree Deciduous, evergreen, leaves, flowers, petals, fruit, roots, bulb, seed, trunk, branches, stem Seeds, bulbs, water, light, | | | |

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| | | | temperature, growth | temperature, growth Air, light, water, nutrients, soil, reproduction, transportation, dispersal, pollination, flower | | | |
| Living things and their habitats | Plant, animal, home | | Plant, animal, home Living, dead, habitat, energy, food chain, predator, prey, woodland, pond, desert | | Plant, animal, home Living, dead, habitat, energy, food chain, predator, prey, woodland, pond, desert Vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, snails, slugs, worms, spiders, insects, environment, habitats | Plant, animal, home Living, dead, habitat, energy, food chain, predator, prey, woodland, pond, desert Vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, snails, slugs, worms, spiders, insects, environment, habitats Mammal, reproduction, insect, amphibian, bird, offspring, pollen, stigma, stamen, seed formation / dispersal, germination, pollination | Plant, animal, home Living, dead, habitat, energy, food chain, predator, prey, woodland, pond, desert Vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, snails, slugs, worms, spiders, insects, environment, habitats Mammal, reproduction, insect, amphibian, bird, offspring, pollen, stigma, stamen, seed formation / dispersal, germination, pollination Classification, vertebrates, invertebrates, microorganisms, amphibians, reptiles, mammals, insects, crustacean, arachnid, offspring, mollusc |
| Seasonal change | Weather, rain, sunshine, snow, cloud | Weather, rain, sunshine, snow, cloud Summer, spring, autumn, winter, sun, day, moon, night, light, dark | | | | | |
| Evolution and inheritance | | | | | | | Fossils, adaptation, evolution, characteristics, reproduction, genetics, inherit |
| Materials | Sand, playdough, paint, mix, soft, hard | Sand, playdough, paint, mix, soft, hard Wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth | Sand, playdough, paint, mix, soft, hard Wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth Stretchy, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, brick, paper, fabrics, squashing, bending, twisting, stretch, elastic | | | Sand, playdough, paint, mix, soft, hard Wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth Stretchy, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, brick, paper, fabrics, squashing, bending, twisting, stretch, elastic Hardness, solubility, | |

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| | | | | | | transparency, conductivity, magnetic, filter, evaporation, dissolving, mixing, insoluble, mixture, separating, evaporating, reversible, irreversible, burning, rusting, sieving, residue | |
| States of matter | Hard, soft, water, hot, cold | | | | Hard, soft, water, hot, cold Solid, liquid, gas, evaporation, condensation, particles, temperature, freezing, heating, water vapour, solidify, change state, boil | | |
| Forces | Stop, start | Stop, start Roll, move, slow, fast | Stop, start Roll, move, slow, fast Direction, force, magnetic, contact, attract, repel, friction, poles, push, pull | Stop, start Roll, move, slow, fast Direction, force, magnetic, contact, attract, repel, friction, poles, push, pull | | Stop, start Roll, move, slow, fast Direction, force, magnetic, contact, attract, repel, friction, poles, push, pull Air resistance, water resistance, friction, gravity, Newton, gears, pulleys | |
| Rocks | Hard, smooth, rough | | | Hard, smooth, rough Fossils, soils, sandstone, granite, marble, pumice, crystals, absorbent | | | |
| Electricity | Bright, dark | | | | Bright, dark Cells, wires, bulbs, switches, buzzers, battery, circuit, series, conductors, insulators, connection, electricity | | Bright, dark Cells, wires, bulbs, switches, buzzers, battery, circuit, series, conductors, insulators, connection, electricity Amps, volts, cell, negative, positive |
| Earth and Space | World, sky, space, stars, planets | | | | | World, sky, space, stars, planets Earth, sun, moon, axis, rotation, day, night, phases of the moon, star, constellation, solar system, planets, orbit | |
| Sound | Quiet, loud | | | | Quiet, loud Volume, vibration, wave, pitch, tone, travel, strength | | |
| Light | Bright, dark | | | Bright, dark Light, shadows, mirror, reflective, dark, reflection | | | Bright, dark Light, shadows, mirror, reflective, dark, reflection Refraction, spectrum, rainbow, colour, dark, shadow, absorb, symbol, |

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| | | | | | | | diagram, opaque, translucent |
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