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| **Area of learning** | **EYFS** | **Year 1**  Portobello Primary School  Science Vocabulary | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Seasonal changes** | Observing changes, leaves, birds, flowers, shadows | Autumn, Winter, Spring, Summer, season, sun rain, wind, snow, sunrise, sunset, day length |  |  |  |  |  |
| **Animals including humans** | Body parts, senses, life cycles, chick lifecycle  Names of farm animals and their young, sorting animals  Name and draw spring flowers, plant and grow, observe  Minibeasts, habitats | Fish, amphibians, reptiles, birds, mammals, carnivores, herbivores, omnivores, structure, features, scales, feathers, wings, tails, ears  Senses, sight, touch, taste, hearing, smell, fingers, eyes, nose, ear, tongue | Offspring, reproduction, growth, child, exercise, heartbeat, breathing, hygiene, germs, disease  Stages in life – chick/hen, baby/child/adult, caterpillar/butterfly  Food types – meat, fish, vegetables, bread, rice, pasta | Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, joints, support, protect, move, skull, ribs, spine | Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, large intestine, nutrients, rectum, anus, teeth, incisor, canine, molar, premolar, herbivore, carnivore, omnivore, producer, predator, prey, food chain | Puberty, old age, develop, puberty, baby, physically | Heart, pulse, rate, pumps, blood, vessels, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system, diet, exercise, drugs, lifestyle |
| **Materials** | Wood, metal, plastic, compare, sort, test, magnets  Changes, ice, snow, heating, cooling, melt, test, sink, float | Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card, rubber, wool, clay, hard, soft, stretchy, bendy, waterproof, breaks/tears, rough, smooth, shiny, dull, see-through, compare, group | Wood, metal, plastic, glass, brick, rock, paper, cardboard  Properties of materials – same as Year 1 plus opaque, transparent, translucent, reflective, non-reflective, flexible, rigid, push/pull, twist, squash, bend, stretch |  | Solid, liquid, gas, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle | Thermal, electrical, insulator, conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible, change, burning, rusting, new material |  |
| **Plants** | Spring flowers, grow, beans, observe, changes, decay | Deciduous, evergreen, leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem bark, stalk, bud  Names of trees – oak, silver birch, evergreen, hornbeam  Names of garden and wild plants | The same as Year 1 plus light, shade, sun, warm, cool, water, grow, healthy | Roots, stem/trunk, leaves, flowers, air, light, water, nutrients, soil, room to grow, pollination, seed formation, seed dispersal |  |  |  |
| **Living things and their habitats** |  |  | Living, dead, never been alive, suited, suitable, basic needs, food, food chain, shelter, move, feed, pond, woodland, micro-habitats |  | Classification, keys, environment, habitat, human impact, positive, negative, migrate, hibernate | Life cycle, reproduce, sexual, sperm, fertilise, egg, live young, life span, metamorphosis, asexual, plantlets, runners, bulbs, cuttings | Vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, insects, spiders, snails, worms, flowering, non-flowering, venn diagram, carroll diagram |
| **Light** |  |  |  | Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous |  |  | As Year 3 plus periscope, light rays |
| **Electricity** |  |  |  |  | Electricity, electric, appliance, device, mains, plug, circuit, complete circuit, component, cell, battery, positive, negative, connect, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non-metal, symbol |  | Circuit, complete, diagram, symbol, cell, battery, bulb, buzzer, motor, switch, voltage |
| **Rocks** |  |  |  | Rocks, appearance, properties, fossils, soils, organic matter, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water, marble, chalk, granite, sandstone, slate, peat |  |  |  |
| **Sound** |  |  |  |  | Sound, source, vibrate, vibration, travel, pitch, high, low, volume, faint, loud, insulation |  |  |
| **Forces** |  |  |  | Force, push, pull, twist, contract 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 |  | Forces, earth, gravity, air resistance, water resistance, friction, surfaces, levers, pulleys, gears, effect |  |
| **Earth and Space** |  |  |  |  | Earth, Sun, Moon, spherical, solar system, rotates, star, orbit, planets, Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune |  |  |
| **Evolution and inheritance** |  |  |  |  |  |  | Offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils |