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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Use of everyday materials  <p>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</p>		Animals including humans  <p>head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves</p> <ul style="list-style-type: none"> • Names of animals experienced first-hand from each vertebrate group • Parts of the body • Senses - touch, see, smell, taste, hear, fingers (skin), eyes, nose, ear and tongue 		Plants  <p>leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud</p> <p>Names of trees in the local area</p> <p>Names of garden and wild flowering plants in the local area</p>	
Year 1	Seasonal changes <p>Weather (sunny, rainy, windy, snowy etc.)</p> <ul style="list-style-type: none"> • Seasons (winter, summer, spring, autumn) • Sun, sunrise, sunset, day length 					
Year 2	Use of everyday materials  <p>names of materials - wood, metal, plastic, glass, brick, rock, paper, cardboard</p>		Animals including humans  <p>offspring, reproduction,</p>	Plants  <p>As for Year 1 plus light, shade, sun, warm, cool, water, grow, healthy</p>	Living things and their habitats  <p>living, dead, never been alive, suited, suitable, basic needs, food, food chain, shelter, move, feed</p>	

	<p>Properties of materials - as for Year 1 plus opaque, transparent and translucent, reflective, non-reflective, flexible, rigid</p> <p>Shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching</p>	<p>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)</p>		<ul style="list-style-type: none"> • Names of local habitats e.g. pond, woodland etc. • Names of micro-habitats e.g. under logs, in bushes etc. 	
<p>Year 3</p>	<p>Rocks</p>  <p>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</p>	<p>Light</p>  <p>light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous</p>	<p>Animals including humans</p>  <p>nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, joints, support, protect, move, skull, ribs, spine</p>	<p>Plants</p>  <p>photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal)</p>	<p>Forces and magnets</p>  <p>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</p>

<p>Year 4</p>	<p>Living things and their habitats</p>  <p>(DFSC visit)</p> <p>classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate</p>	<p>Animals including humans</p>  <p>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</p>	<p>Electricity</p>  <p>electricity, electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect/connection s, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non-metal, symbol</p>	<p>States of matter</p>  <p>solid, liquid, gas, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle</p>	<p>Sound</p>  <p>sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation</p>
<p>Year 5</p>	<p>Earth and Space</p>  <p>earth, Sun, Moon, (Mercury, Jupiter,</p>	<p>Forces</p>  <p>force gravity, Earth, air resistance, water</p>	<p>Animals including humans</p>  <p>puberty - the vocabulary to</p>	<p>Living things and their habitats</p>  <p>life cycle, reproduce, sexual,</p>	<p>Properties & changes of materials</p>  <p>thermal/electrical insulator/conductor,</p>

	<p>Saturn, Venus, Mars, Uranus, Neptune), spherical, solar system, rotates, star, orbit, planets</p>	<p>resistance, friction, mechanisms, simple machines, levers, pulleys, gears</p>	<p>describe sexual characteristics</p>	<p>sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, bulbs, cuttings</p>		<p>change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non-reversible change, burning, rusting, new material</p>
<p>Year 6</p>	<p>Living things and their habitats</p>  <p>vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, insects, spiders, snails, worms, flowering, non-flowering</p>	<p>Animals including humans</p>  <p>heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system, diet, exercise, drugs, lifestyle</p>	<p>Evolution and Inheritance</p>  <p>offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils</p>	<p>Light</p>  <p>As for Year 3 - Light, plus straight lines, light rays</p>	<p>Electricity</p>  <p>circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage</p>	