

Overview of Progression of Topic Vocabulary for Science at Newfield Park Primary School

Year	Aut1	Aut2	Spr1	Spr2	Sum1	Sum2		
1	Animals fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore		Everyday Materials (Double topic) wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth		Seasonal changes Summer, Spring, Autumn, Winter, sun, day, moon, night, light, dark, weather, rain, sunshine, snow, hail, thunder and lightning		Plants deciduous, evergreen trees, leaves, flowers, petals, fruit, roots, bulb, seed, trunk, branches, stem	
2	Everyday Materials (Double topic) hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, squashing, bending, twisting, stretching			Living Things and their Habitats living, dead, habitat, energy, food chain, predator, prey, woodland, pond, desert		Plants and Animals seeds, bulbs, water, light, temperature, growth, germination, water, food, air, hygiene, offspring, disease, immunisation		
3	Light light, shadows, mirror, reflective, dark, reflection		Forces and magnets magnetic, force, contact, attract, repel, friction, poles, push, pull		Animals movement, muscles, bones, skull, nutrition, skeletons,		Rocks and soils fossils, soils, sandstone, granite, marble, pumice, crystals, absorbent	Plants air, light, water, nutrients, soil, reproduction, transportation, dispersal, pollination, flower
4	States of matter solid, liquid, gas, evaporation, condensation, particles, temperature, freezing, heating	Electricity cells, wires, bulbs, switches, buzzers, battery, circuit, series, conductors, insulators		Animals (including humans) mouth, tongue, teeth, oesophagus, stomach, small, intestine, large intestine, herbivore, carnivore, canine, incisor, molar		Living things and their habitats vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, snails, slugs, worms, spiders, insects, environment, habitats		Sound volume, vibration, wave, pitch, tone, speaker, amplitude, ear, particles
5	Animals (including humans) foetus, embryo, womb,	Materials (Double topic) hardness, solubility, transparency, conductivity, magnetic, filter, evaporation,		Living Things and their Habitats mammal, reproduction, insect,		Earth and Space Earth, sun, moon, axis, rotation, day, night, phases of the Moon, star, constellation, sphere		Forces air resistance, water

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	<p>gestation, baby, toddler, teenager, elderly, growth, development, puberty</p>	<p>dissolving, mixing, separating, solution, solid, liquid, gas, reversible, irreversible</p>	<p>amphibian, bird, offspring, stamen (anther and filament) carpel (stigma, style and ovary)</p>		<p>resistance, friction, gravity, Newton, gears, pulleys, force metre, surface area</p>
6	<p>Living Things and their habitats classification, vertebrates, invertebrates, micro-organisms, amphibians, reptiles, mammals, insects</p>	<p>Light refraction, reflection, light, spectrum, rainbow, colour,</p>	<p>Evolution and inheritance fossils, adaptation, evolution, characteristics, reproduction, genetics</p>	<p>Animals (including humans) circulatory, heart, blood, vessels, veins, arteries, oxygenated, deoxygenated, valve, exercise, respiration</p>	<p>Electricity cells, wires, bulbs, switches, buzzers, battery, circuit, series, conductors, insulators, amps, volts, cell</p>

Biology

Chemistry

Physics