

	EYFS	Milestone 1 (Y1&2)	Milestone 2 (Y3&4)	Milestone 3 (Y5&6)
Plants	Tree, leaf, flower, trunk, stem, seed, bulbs, grow, fruit, berry, petal, roots, branch, twig	Deciduous, evergreen Tree names, plant names Parts of plants/ trees - root, branch, trunk, stalk, leaf, flower, petal. Seeds, bulbs, twigs	Parts of plants Parts of flower	
Animals including humans	Head, eyes, nose, mouth, ears, hands, fingers, feet, toes, arm, leg, animal, human, carnivore, herbivore	Birds, fish, amphibians, reptiles, mammals, invertebrates, feathers, scales, gills, fins, hair, land, water, backbone, skeleton, carnivore, omnivore, herbivore, meat, plants	Nutrition, diet, vitamins, minerals, fats, proteins and carbohydrates, Skeletons, protect, vertebrate, muscles, tendon, joints, bones Incisors, canines, premolars, molars Food chain, producer, consumer, predator, prey Digestive system- oesophagus, stomach, acid, small intestine, protein, energy, growth, saliva	Gestation, foetus, fertilisation, species, baby, toddler, adolescent, adult, puberty, hormones, testosterone, oestrogen Circulatory system - heart, blood, veins, arteries, pulse, clotting Drugs- caffeine, nicotine, alcohol, cannabis, heroine, cocaine

<p>Living things and their habitats</p>	<p>Hot, cold, arctic, Antarctic, desert, sea, ocean, jungle, wood, forest, scales, feathers</p>	<p>Habitat, micro habitat, pond, meadow, log pile, woodland, river, lake, beach, cliff,</p> <p>Invertebrates - snail, slug, woodlouse, spider, beetles, fly etc</p> <p>Pond creatures- pond skater, frog, newt, leech</p>	<p>Classification, specimen, characteristics, organisms, endangered, extinct</p> <p>Names of trees, wild flowers, garden plants</p>	<p>Animals - amphibians, reptiles, birds, mammals, insects, fish</p> <p>Animal development - egg, larva, pupa, nymph, adult, metamorphosis</p> <p>Parts of a flower - petal. Stamen, (anther, filament)</p> <p>Carpel (stigma, style, ovary, ovule)</p> <p>Processes - pollination, fertilisation, germination,</p>
<p>Evolution and inheritance</p>		<p>Parents, siblings, offspring</p>	<p>Resemble</p> <p>Fossils, ammonites</p>	<p>Evolution, evolve, natural selection, survival , reproduction, variation</p>
<p>Materials</p>	<p>Material. Wood, paper, metal, glass, fabric, hard, soft, rough shiny, smooth</p> <p>See, hear, smell, touch, taste</p>	<p>Types of materials</p> <p>Properties of materials - stretchy, bendy, sticky, crumbly, squashy</p> <p>twist</p>	<p>Solid, liquid, gas</p> <p>Melting, condensation, evaporation, solidifying, freezing,</p> <p>Water cycle, water vapour, steam, heating, cooling</p> <p>Grains, pebbles, crystals, layers</p> <p>Names of rocks - chalk, limestone, sandstone, granite, basalt, flint, slate, shale, marble</p>	<p>Thermal conductor, thermal insulator</p> <p>Electrical conductor, electrical insulator</p> <p>Solvent, solution, particles, suspension, saturated</p> <p>Sieve, filter</p>

			Types of rocks - sedimentary, metamorphic, igneous Hard, soft, permeable, impermeable	
Forces and magnets	Push, pull, move, repel, attract	Magnet, magnetic,	Attract, repel, north, south, pole Round, horse shoe, bar magnet friction	Friction, air resistance, up thrust, weight Newton meter, Newtons (N) Surface area, mass grams, kilograms, gears, levers, pulleys, springs, cogs
Light and seeing	Reflect, shine, light, dark, bright, dim, shadow	Light source, opaque, transparent, translucent, reflection, reflective, sunrise, sunset, position	Block, absence of light	Spectrum, prism,
Sound and hearing	Loud, quiet, volume, sound	Volume- quiet, quieter, quietest, loud, louder, loudest Pitch - low, lower, lowest, high, higher, highest	Vibration, source, soundproof, sound wave, absorb, volume, vacuum, eardrum, pitch, ear, particles, distance	
Electricity		Battery, bulb, bulb holder, leads, crocodile clips, circuit	Battery (cell) bulb (lamp), switch, buzzer, Switch - open close	Electricity, volt, series, circuit, conducts, conductor Insulate, insulator, resistance
Earth and space	Earth, day, night, sun, moon	shadow	Solar system, space, moon, planets, stars, constellations, orbit, gravity, astronaut, space station, revolve, sphere	Earth, axis, rotate, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

				Phases of the moon - full moon, gibbous moon, half moon, crescent moon, new moon, waxing, waning