



St Joseph's Catholic Primary School

Science Vocabulary Progression

Topic	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Animals Including Humans	Minibeasts Spider Ladybird Bee Ant Caterpillar Butterfly Snail minibeast	Animals Including Humans fish, amphibian, bird, reptile and mammal. carnivores, herbivores and omnivores body parts: beak, head, tail, leg and wing, neck, arms, elbows, face, knees, ears, eyes, mouth, teeth, hair sight, hearing, taste, smell and touch, body part (organ)	Animals Including Humans Life cycle Survive offspring Essential needs /non essential needs Cleanliness Clean Exercise Muscle Hygiene Food groups: bread, cereal, potatoes (carbohydrates); fruit and vegetables; meat and fish; milk and dairy; fats and sugars	Animals Including Human Energy, bread cereal and potatoes (carbohydrates) ; fruits and vegetables (contain vitamins and minerals) ; meat and fish (protein) ; milk and diary (calcium) ; fats and sugars. Portions, vegan, vegetarian herbivore, carnivore or omnivores , producer, consumer , photosynthesis, food chain, arrows, energy flow, ecosystem , skeleton, endoskeleton ,	Animals Including Humans Digestive system , mouth, oesophagus, stomach, small intestine , large intestine, incisors, canines, molars, enamel , dentine, pulp, gums, jawbone/skull, dentist, toothpaste, dental floss, diet, micro organisms, decay, cavity, acid , toothache the flow of energy, predator, prey, consumer, producer	Animals Including Humans Gestation period, human foetus, puberty ,womb, menstruation, period, nipples, breasts, fat, vagina, muscles, body odour, acne (spots), erections, penis, semen, frail, new-born, child, adolescent, young adult, middle-aged adult, old/elderly adult.	Animals Including Humans Blood, blood vessels , red blood cells, white blood cells, oxygen, infection, platelets, bleeding, plasma, circulatory system, heart, pump, vital, organ, oxygen, carbon dioxide, cells, waste products, nutrients, left atrium, right atrium, right ventricle, valve, aorta, arteries, veins, pulmonary artery,

Love and Learn in the footsteps of Christ



St Joseph's Catholic Primary School

				<p>movement, support, protect skull, jaw, humerus, radius, ulna, spine, pelvis, femur, tibia and fibula, muscle, bicep, triceps endoskeleton, exoskeleton, hydro skeleton</p>			<p>pulmonary vein, lungs, gas exchange , heart rate, beats per minute (bpm), alcohol, ethanol, (%ABV), inhale, exhale , tobacco, nicotine, energy, diet, lifestyle,</p>
<p>Seasonal changes</p> <p>Living Things & Their Habitats</p>	<p>Seasons Seasons, autumn, winter, spring, summer, Weather, sunny, rainy, windy, snowy, cloudy</p>	<p>Seasonal changes Seasons, autumn, winter, spring, summer, daylight, clothing, weather types e.g rain, sun, wind, snow, sleet</p>	<p>Living Things & Their Habitats Habitats Living /non living Adaptions micro-habitats food chain consume consumer produce producer</p>		<p>Living Things & Their Habitats herbivores, mammals, flowering plants, vertebrates, oviparous, viviparous, animal, aquatic animals, reptiles, scales, gills, vertebrate, invertebrate, branching key , organism , deforestation</p>	<p>Living Things & Their Habitats life cycles, amphibian , frogs, salamanders, axolotls, metamorphosis , eusocial, petal, anther, sepal, carpel, stigma, style, ovary, pollen grain, pollen tube, ovule, cutting, sexual reproduction, male , female, sperm, egg,</p>	<p>Living Things & Their Habitats Mammal, amphibian, reptile, fish, bird, vertebrate, invertebrate, insects, arachnids, molluscs, worms, tetrapod, taxonomy, organisms, taxonomy, binominal name (genus – species),</p>



St Joseph's Catholic Primary School

						fertilisation, zygote, embryo	domain, kingdom, phylum, class, order, family, genus, species, Carl Linnaeus, binominal nomenclature, Celsius, racial groups, dichotomous classification key, arthropods, arachnids, crustaceans, myriapods , pinnate, palmate, simple, compound, lobed.
<u>Plants</u>	Plants Plant soil petal root water colour stem light seed leaf green soil flower	Plants Deciduous, evergreen, trees, leaves, flowers, (blossom), petals, fruits, roots, bulb, seed, trunk, branches, stem, wild, common, autumn , produce,	Plants Reproduction, pollination, leaves, flower, stem, roots, germination, seed production, growth, flowering, bulbs, investigation, soil, water,	Plants Line graph, roots, tuber, stem, bulb, trunk, branch, leaf, flower and fruit, cactus, cress, sand, compost, variable germination, growth, flowering, and			



St Joseph's Catholic Primary School

	grow sun Tree Branch leaf	pictogram, investigate, data	sunlight	fertilisation/seed production. insect pollination, wind, animal and water pollination, petals, sent, nectar, stamen (male part) , stigma (female part).			
<u>Everyday materials</u> <u>Rocks</u> <u>States of Matter</u> <u>Properties & Changes of Materials</u>	<u>Materials</u> Hard, soft, flexible Float Sink Water Plastic Wood Paper Stone, stick. Water, Ice,	<u>Everyday materials</u> Material, object, wood, metal, plastic, paper , glass, metal, water, rock , fabric , elastic foil bendy/not bendy, hard/soft, transparent/opaque Stretchy/stiff Shiny/dull Rough/smooth Waterproof/not waterproof absorbent/not absorbent	<u>Uses of Everyday Materials</u> Range of materials e.g : leather, plastic, card, wood, metal, glass , rubber, stone, paper , fabric Range of properties e.g.: squashing, bending, twisting and stretching, transparent, float, (see year 1 vocab too) attracted to a magnet, tough, flexible/inflexible / rigid, light, heavy, strong,	<u>Rocks</u> Soil, sedimentary rock, scratch, tally, frequency table, bar chart, organic matter, porous, float, Venn diagram, organisms, palaeontologist , humus (dead or rotting organisms), air spaces, mini beasts, sedimentary, metamorphic, igneous, chalk, diamond, sandstone, slate, granite, flint, marble and sandstone.	<u>States of Matter</u> Heating, boiling, boiling point, temperature, solid, liquid, gas , state, change of state, freeze, melt, evaporate, condense, energy, particle, thermometer , thermal insulator , water cycle, evaporation, condensation , precipitation , solar still.	<u>Properties & Changes of Materials</u> Substance, solution, evaporate, electrical conductors, transparent, strong, thermal conductors, magnetic, soluble, solute, solvent, dissolve, particles, mixture, Post-It Notes, wrinkle-free cotton, polar fleece, Gore-Tex, reversible and irreversible reactions	



St Joseph's Catholic Primary School

			insulating, smooth, rough, waterproof, absorbent, transparent, opaque, fragile, reflective.				
<u>Sound</u> <u>Forces</u> <u>Evolution and Inheritance</u>	<u>Senses</u> Sound Touch Taste Sight Smell Body parts Arm Leg Face, Nose, Eyes Lips, tongue ear				<u>Sound</u> Ear canal, medium eg. air, ear canal, processed, brain , vibration, outer ear, eardrum, middle ear , hammer, anvil, stirrup, cochlea, electrical signals , auditory nerve, brain, sounds, sound insulator, loudness, pitch , stringed instrument , volume, scatter graph, median, mode/modal , mean maximum/minimum	<u>Forces</u> Lever, fulcrum, beam, load, weight, mass, Newtons, mass, weight, Newton meter or force meter, air resistance, parachute, canopy, water resistance – push and pull, friction, pulley , gear, rotate, clockwise , anti clockwise	<u>Evolution and Inheritance</u> Evolution, predation, mutation, population, Mary Anning, fossil, palaeontologist , natural selection, Darwin, inherit, traits, offspring, environment, adaptation, survival.
<u>Forces</u>	<u>Physical</u>			<u>Forces and</u>	<u>Electricity</u>	<u>Earth Space</u>	<u>Electricity</u>



St Joseph's Catholic Primary School

<p><u>and Magnets</u></p> <p><u>Electricity</u></p> <p><u>Earth & Space</u></p>	<p><u>Processes</u></p> <p>Push</p> <p>Pull</p> <p>Slide</p> <p>Roll</p> <p>glide</p>			<p><u>Magnets</u></p> <p>Magnet , magnetic , metal , aluminium, fair test, magnetic poles, north , south, attract, repel, electromagnets , electrical current coil wrapped, permanent magnet, a maglev train, an MRI machine , a crane , a button magnet and a compass.</p>	<p>Conductor, insulator, circuit, bulb, cell, wire , electricity, electrical, machine, electrical components, switch, buzzer, bell , electrical symbol, circuit diagram, simple circuit , dangerous , danger</p>	<p>_Solar system, planets, terrestrial, gas giant, ice giant, Geocentric model, Heliocentric model, moon, astronomers, Mercury, Earth, Jupiter, Uranus, Sun, Venus, Mars, Neptune, Theia, Lunar Cycle, New Moon , Waxing Crescent, Half Moon, waxing Gibbous, Full Moon, Waning Gibbous, Half Moon, waning Crescent, approximately spherical, compressing, gravity , thermonuclear fusion, formula, 'Earth ruler' , diameter, terrestrial, gas giant and ice giant, rotation,</p>	<p>electrical components, switches, bulbs, buzzers, motors, cells, wires, symbol, voltage (V), electrons, series circuit, (and parallel circuit)</p>
---	---	--	--	---	--	---	---



St Joseph's Catholic Primary School

						rotate, sundial, gnomon (shadow caster)	
<u>Light</u>	<u>Light</u> Night Day Morning, lunchtime, Evening Moon Sun torch			<u>Light</u> Shadow, light source, non-light source, eyes, reflect / reflection/ reflecting/ reflector , frequency chart, tally chart, sun, exposure, sunscreen (SPF) , star, orbits, hydrogen, helium, orbits, sunglasses, shade, damage/damagin g , opaque, blocks, straight lines, opaque, transparent , translucent, sundial, rotation, Earth, calibrate, gnomon (shadow caster)			<u>Light</u> Straight line, light source, non-light source, opaque, transparent, translucent, blocking, shadow, angles, mirror, reflect, cornea, iris, pupil, lens, retina, optic nerve, white light, spectrum, prism