



St Michael's CE Primary School

Science Progression in Vocabulary

2026-2027

Courage to Flourish in the Love of God

Progression in Vocabulary 2026-2027

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Animals Including Humans	Body, Head, Face, Hair, Eyes, Ears, Nose, Mouth, Arms, Legs, Senses, See, Hear, Smell, Taste, Touch, Animal, Pet, Farm, Sheep, Horse, Goat, Chicken, Pig, Cow, Donkey, Duck, Goose, Hen, Baby, Grow, Food, Water, Care	Body, Senses, Sight, Hearing, Smell, Taste, Touch, Same, Different, Animal, Pet, Food, Water, Shelter, Survive, Grow, Change, Healthy, Unhealthy, Fruit, Vegetable	hair, eyes, face, nose, ears, teeth, mouth, head, neck, arm, elbow, hand, leg, knee, foot, light, dark, blind, hear, loud, quiet, noisy., Sweet, salty, sour, bitter, savoury, Skin, rough, smooth, hard, soft., smell, scent, sniff, stench., Animal, mammal, fur, wild mammal, pet, bird, wings, beak, feathers, flipper, webbed feet., Amphibians, frog, toad, newt, webbed feet, reptile, scales, lizard, crocodile, turtle, Fish. Fin, tail, gills, fish, amphibian, reptile.,	Mammals, carnivore, herbivore, omnivore, shelter, survive, scales, amphibian, reptile, bird, fish, mammal, Survive environment, Offspring, growth, egg, adult, parent, baby, child, teenager, lifecycle, life cycle, adolescent, frogspawn, tadpole, froglet, caterpillar, pupa, butterfly, heart, exercise, physical health, mental health, healthy diet, unhealthy diet, meat, sugar, germs, hygiene, doctor, disease,	Carbohydrates, proteins, dairy products, fats, sugars, fruit and vegetables, balanced diet, balanced meal, nutrition, Eatwell Guide, Diet, herbivore, omnivore, carnivore, Skeleton, skull, ribcage, spine, pelvis, femur, Bird, mammal, fish, amphibian, reptile, antennae, insect, exoskeleton, Joint, hinge joint, ball-and-socket joint, muscle, bicep and triceps, contact, relax	Teeth, carnivore, herbivore, omnivore, incisors, canines, premolars, molars, germs, enamel, root, plaque, pulp, decay, Digestive System, mouth, oesophagus, stomach, rectum, intestines, saliva, Food chain, producer, predator, prey, consumer, habitat, farming, overfishing, hunting	Adolescent, baby, foetus, elderly adult, adult, life cycle, milestone, toddler, child, reproduce, offspring, life expectancy, Womb, gestation, mammal	Circulatory system, heart, blood vessels, veins, arteries, capillaries, lungs, oxygen, oxygenated, deoxygenated, pulse, ventricles, atria, right atrium, left atrium, right ventricle, left ventricle, red blood cells, white blood cells, nutrients, plasma, exercise, Independent variable, dependent variable, controlled variable, Balanced diet, calories, saturated fats, unsaturated fats, trans fats, drug, painkiller,

			carnivore, sharp teeth, wild animal, herbivore, plants, vegetable, fruit, omnivore.	plaque, gums, filling				stimulants, depressants, cigarette, vape, nicotine, carbon monoxide, addiction
Living Things	Living things, Animal, Plant, Grow, Change, Care, Look after, Environment, Life cycle	Living things, Plant, Animal, Insect, Minibeast, Sea creature, Life cycle, Grow, Change, Environment, Habitat, Care, Pollution		Living, dead, never alive, Habitat, ocean, Arctic, polar, desert, rainforest, Mammal, bird, hibernate, reptile, cactus, desert. rainfall, deforestation, climate change, pollution, drought, Microhabitat, insect, minibeasts, carnivore, herbivore, omnivore, food chain, Mammals, shelter, survive, scales, amphibian, fish, environment, offspring, growth, egg, adult, parent,		Mammal, bird, fish, amphibian, reptile, vertebrate, invertebrate, exoskeleton, insect, spider, soft-bodied invertebrate, Classification, Flowering plant, non-flowering plant, stamen, pistil, pollination, fern, moss, Habitat, rural, urban, biodiversity, natural resources, deforestation, rewilding, nature reserve	Monotreme, Offspring, mammary gland, mammal, lifecycle, hatchling, nestling, fledgling, fertilisation, anther, filament, ovule, stigma, style, ovary, pollen, stamen, pistil, pollination, clone, runner, tuber, bulb, asexual reproduction, parent plant, Hydroponics, Nutrients, Roots, Germination, Photosynthesis, Harvest	Organism, excretion, reproduction, living, non-living, vertebrate, invertebrate, flowering plant, non-flowering plant, Classification Key, Mollusc, Arachnid, Classification, Flowering plants, non-flowering plants, deciduous trees, evergreen tree, coniferous tree, microorganism, bacteria, virus, fungi, microscope, characteristics, Carl Linneus

				baby, child, teenager, lifecycle, life cycle, adolescent, frogspawn, tadpole, froglet, caterpillar, pupa, butterfly, heart, exercise, physical health, mental health, healthy diet, unhealthy diet, meat, sugar, germs, hygiene, doctor, disease, plaque, gums, filling				
Seasons	Autumn, Winter, Spring, Summer, Weather, Sun, Rain, Wind, Snow, Hot, Cold, Change, Leaves	Season, Autumn, Winter, Spring, Summer, Weather, Sun, Rain, Wind, Cloud, Snow, Hot, Cold, Warmer, Colder, Change, Pattern	Seasons, autumn, winter, spring, summer, months, changes, clothing, timeline, weather, daylight, hours, trees, leaves, temperature, daytimes, colder, warmer, changes. Rain fall, wind, direction,					

			pattern, changes.					
Materials /States of Matter	Material, Natural, Water, Wood, Soil, Hard, Soft, Rough, Smooth, Same, Different	Material, Natural, Clay, Wood, Paper, Card, Plastic, Water, Hard, Soft, Rough, Smooth, Wet, Dry, Waterproof, Float, Sink	material, made from, wood, plastic, metal, glass, fabric, paper, manmade, natural, object, water, rock, recyclable, non- recyclable, Hard, soft, smooth, rough, stretchy, stiff, shiny, dull, waterproof, absorbent, transparent, opaque, solid, heavy, light, wool, absorb, liquid, melt, freeze, float, sink, change, temperature, ice, strong, flexible, environment, reuse, reduce, bin, landfill	Material, natural, man-made, smooth, rough, flexible, rigid, stone, pebble, brick, brittle, hard, shiny, dull, lightweight, soft, strong, breakable, transparent, translucent, opaque, recycle, waterproof, bend, squash, twist, stretch, plastic, recyclable, single use		Solid, liquid, gas, volume, states of matter, Pouring, Flow, Freezing, boiling, melting, condensation, evaporation, water vapor, Melting Boiling Beaker Thermometer Temperature Melting Point, Water Cycle, precipitation, atmosphere, Independent variable, Dependent variable, Control Variable, Petri dish, observe, data	Transparent, translucent, opaque, magnetism, hardness, electrical conductor, electrical insulator, circuit, cell, bulb, Independent variable, Dependent variable Controlled variable, Thermometer, Thermal Insulator, Dependent variable, Controlled variable, anomalies, Dissolve, soluble, insoluble, solution, substance, Sieve, filter paper, mixture. Insoluble,	



Courage to Flourish in the Love of God



							filtering, evaporation, Mixture, states of matter, reversible changes Irreversible change, Chemical reaction, burning, heating, Bicarbonate of soda	
Plants and Trees	Plant, Seed, Soil, Water, Grow, Flower, Tree, Leaf, Care	Plant, Seed, Soil, Water, Sunlight, Grow, Root, Stem, Leaf, Flower, Tree, Fruit, Vegetable, Change	Flower, petals, leaf, stem, roots, branch, trunk, fruit, Wildflower, daisy. Garden plant, sunflower, Deciduous tree, horse chestnut, oak, sycamore, Evergreen tree, pine, holly, needles, Prediction, conclusion, observe, pattern, moss, Crops, farmer, vegetables, seed	Plant, tree, flower, fruit, vegetable, herb, blossom, stem, leaf, trunk, branch, root, Seed, sunlight, temperature, growth, water, darkness, observe, bulb, shoot, roots, light, observation, leaves	Leaf, stem, roots, flower, soil, function, dissection, seed, measuring cylinder, measure, data, water transportation, seed coating, seedling, germination, petals, stamen, pistil, reproductive organs, Pollination, pollen, pollinators, Seed dispersal, wind dispersal, animal dispersal, water dispersal,			



Courage to Flourish in the Love of God



					explosion dispersal, life cycle			
Rocks					Rock, Granite, pumice, sandstone, chalk, marble, gneiss, Crystals, grains, layers, texture, hardness, float, sink, brittle, reaction, Fossil, skeleton, shell, fossilisation, sediment, Soil, sandy soil, clay soil, peat soil, chalky soil, organic matter, nutrients, Independent variable, dependent variable, controlled variable, filter paper, filter funnel, measuring cylinder, absorb, fair test, conclusion			

Forces and Magnets	Push, Pull, Press, Lift, Move, Turn	Move, Float, Sink, Shape			Push, Pull, Force, Motion, Contact Force, Friction, Surface, Smooth, Rough, Data, Magnet, Magnetic, Magnetic Force, Repel, Attract, magnetic poles, Metal, Aluminium, Recycling Non-metal, iron, steel, Poles		Force, contact force, friction, motion, air-resistance, parachute, surface area, Independent variable, Dependent variable, Controlled variables., Air resistance, Repeatability, Precision, Water resistance, Streamlined, Gravity, Weight, Non-contact force, Lever, Gear, Pulley, Machine	
Light		Light, Dark			Light, eyes, light sources, natural light sources, artificial light sources, Sun, sunglasses, protect, reflection, shiny, dull., Light Source, Opaque, Translucent, Transparent, Shadow, Independent			Light Source, iris, pupil, lens, retina, reflection, ray diagram, angle, periscope, Shadow, solar eclipse, transparent, translucent, opaque, independent variable, dependent variable,

					variable, dependent variable, control variable, distance, conclusion, evaluation			controlled variable, conclusion, evaluate, Refraction, medium, rainbow, prism, coloured filter, spectrum of light
Electricity						Electricity, appliances, plug, socket, electrocuted, mains, power supply, cell, battery, flow, wire, buzzer, bulbs, switches, positive, negative, electric current, insulator, conductor, metal, generate, produce, renewable, non- renewable, energy, natural, coal, oil, fossil fuels, solar panels, nuclear energy		Series circuit, cell, battery, bulb, current, voltage, buzzer, switch, Complete circuit, incomplete circuit, wires, buzzers, independent variable, dependent variable, controlled variable., controlled variable, reliability, Solar power, wind power, renewable, non- renewable, solar panels, wind turbine, global warming,



Courage to Flourish in the Love of God



								greenhouse gases
Sound	Sound, Hear, Listen, Loud, Quiet, Shake, Tap, Rub, Blow	Sound, Hear, Listen, Voice, Instrument, Loud, Quiet, Long, Short				Vibration, ear, sound, volume, pitch, sound wave, travel. Mediums, solid, liquid and gas, particles, distance, soundproof, absorb sound, vacuum, eardrum, waves, gas particles, solid particles., loud, quiet, high pitched, low pitched, amplitude. low sound, high sound, Independent variables, dependent variables, decibels, decibel meter, variables.		
Earth and Space	—	Star, Moon					Solar system, sun, planets, orbit, star, space, surface, appearance, gravitational pull, Gravity, heliocentric,	



Courage to Flourish in the Love of God



							geocentric, spherical, North Pole, South Pole, rotate, axis, earth, seasons, night, day, Moon, gravitational force, satellite	
Evolution and Inheritance								Organism, variation, species, offspring, characteristic, inheritance, desirable characteristics, characteristics, adaptations, habitat, evolution, common ancestor, theory, adaptation, habitat natural selection, finch, natural selection, fossil, rock, decompose, skeleton, palaeontologist



Courage to Flourish in the Love of God

