



St. Joseph's Science Vocabulary

Skills	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS science change experiment find out look at	All around me Body, head, arms, legs, senses	Celebrations Food, Christmas, change	Animals Chicken, butterfly, lifecycle	Plants: new life Plant, alive, dead, flower, leaf, grow, change	Travel Technology, space, travel, moon, astronaut	Under the Sea Float, sink, animal, fish, sea
Year 1 record observe changes over time senses group name compare ask questions carry out simple test talk about measure describe equipment	Animals- Humans Body, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, smell, hear, see, touch, taste, colour, skin Seasonal change- autumn autumn, sun, day, moon, night, light, dark, hot, warm, cold, windy, wet, dry	Animals- Humans Body, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, smell, hear, see, touch, taste, colour, skin	Animals- Other animals Fish, reptiles, mammals, birds, amphibians (examples of each) herbivore, omnivore, carnivore, head, body, tail, feathers, fur, skin, wings, beak, senses Seasonal change- winter autumn, winter, sun, day, moon, night, light, dark, hot, warm, cold, windy, wet, dry	Plants Deciduous trees, evergreen trees, leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches, stem Seasonal change- spring spring, autumn, winter, sun, day, moon, night, light, dark, hot, warm, cold, windy, wet, dry	Materials Wood, plastic, glass, paper, water, metal, rock, hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, brick, paper, fabrics, elastic, foil	Seasonal change- summer Summer, spring, autumn, winter, sun, day, moon, night, light, dark, hot, warm, cold, windy, wet, dry
Year 2 observe closely identify sort and group raise questions comparative test method equipment data notice patterns results prediction unfair record measure compare	Materials and material properties wood, metal, plastic, glass, brick, rock, paper, cardboard, hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, waterproof, absorbent, brick, paper, fabrics, squashing, bending, twisting, stretching	Living things in their habitats Living, dead, habitat, micro-habitat, energy, food, food chain, shelter, predator, prey, woodland, pond, desert, ocean, rainforest	How we grow and stay healthy Survival, offspring, water, air, food, adult, baby, toddler, child, teenager, hygiene, exercise, medicine, kitten, calf, puppy	Animal survival and growth Animals, offspring, survival, water, food, air, reproduction, growth	Plants and plant growth Seeds, bulbs, leaves, roots, flowers, petals, fruit, trunk, stem, water, light, temperature, growth, healthy	Living things in their habitats Living, dead, habitat, micro-habitat, energy, food, food chain, shelter, predator, prey, woodland, pond, desert, ocean, rainforest



<p>Year 3</p> <p>classify contrast relationship similarities differences relevant questions fair test comparative test stages over time observe accurate measurements simple patterns prediction standard units evidence simple conclusion record findings research</p>	<p>Forces</p> <p>Force, push, pushing, pull, pulling, contact, non-contact, friction, magnetic, non-magnetic, magnet, strength, poles, north and south pole, material, attract, repel, metal, iron, steel</p>	<p>Rocks and soils</p> <p>Rock, sedimentary, igneous, metamorphic, smooth, rough, soil, fossil, grain, crystal, hard, soft, texture, permeable, impermeable, marble, chalk, granite, sandstone, slate, sand, clay, peat</p>	<p>Animals- skeleton and movement</p> <p>Skeleton, muscles, support, protection, movement, skull, ribs, spine, vertebrate, invertebrate, joint, socket, bone,</p>	<p>Health- nutrition</p> <p>Nutrition, nutrient, food types, fruit, vegetables, dairy food, fat, sugar, carbohydrate, protein, vitamin, mineral, fibre, water, balanced diet</p>	<p>Light</p> <p>Light, light source, dark, darkness, reflect, reflective, rays, mirror, shadow, block, direction, opaque, transparent, translucent, sun, torch</p>	<p>Plants</p> <p>Leaf, leaves, flower, blossom, petal, fruit, root, bulb, seed, trunk, stem, water, light, air, nutrients, soil, temperature, grow, healthy, transported, life cycle, pollination, seed formation, seed dispersal</p>
<p>Year 4</p> <p>classify similarities differences relevant questions fair test comparative test stages over time make decisions accurate measurements find patterns describe effect analyse results prediction standard units evidence simple conclusion record findings research</p>	<p>Electricity</p> <p>Electricity, appliance, mains, plug, electrical circuit, complete circuit, series circuit, circuit diagram, component, cell, battery, positive, negative, connect, short circuit, wire, crocodile clip, bulb, bright, dim, switch, buzzer, motor, conductor, insulator, metal, non-metal</p>	<p>Sound</p> <p>Sound, source, noise, vibrate, vibration, travel, solid, liquid, gas, pitch, high, low, volume, loud, quiet, insulation, instrument, wave</p>	<p>Living things in their habitat</p> <p>Classification, key, habitat, environment, fish, amphibian, reptile, bird, mammal, insects, vertebrate, invertebrate, shelter, food, protection</p>	<p>Digestive System and teeth</p> <p>Digestive system, nutrition, nutrients, mouth, teeth, canine, incisor, molar, pre-molar, saliva, tongue, rip, tear, chew, grind, cut, oesophagus, stomach, small intestine, large intestine, rectum, anus, carnivore, herbivore, omnivore, producer, consumer, predator, prey, food chain</p>	<p>States of Matter</p> <p>State, matter, solid, liquid, gas, air, oxygen, ice, water, water vapour, steam, heated, cooled, temperature, degree Celsius, melt, melting point, freeze, freezing point, solidify, boil, boiling point, particles</p> <p>Water cycle</p> <p>Evaporate, evaporation, condense, condensation, water cycle, precipitation, infiltration</p>	



<p>Year 5</p> <p>classify research scientific questions variables fair test accurate identify patterns cause and effect scientific evidence reliable evaluate suggest reasons valid conclusion prediction trust results</p>	<p>Human life cycles</p> <p>Growth, development, stages, embryo, foetus, gestation period, life cycle, baby, toddler, child, adolescent, adult, senior, elderly, puberty</p>	<p>Earth and Space</p> <p>Earth, planet, sun, solar system, moon, spherical, rotate, night, day, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, 'Dwarf' planet, orbit, revolve, axis, phases of the moon, constellation, star</p>	<p>Forces</p> <p>Earth, gravity, mass, weight, force, Newton, air resistance, water resistance, upthrust, friction, moving surface, mechanism, lever, pulley, gear, force meter</p>	<p>Plants/ Animal lifecycles</p> <p>Life cycle, reproduction, germination, pollination, seed, seed dispersal, pollen, stamen, stigma, stamen, mammal, amphibian, insect, bird, fish, reptile, eggs, live young, offspring</p>	<p>Material Properties</p> <p>Hard, soft, elastic, rigid, flexible, waterproof, absorbent, strong, weak, rough, smooth, transparent, opaque, translucent, reflective, non-reflective, magnetic, attract, solubility, electrical, conductivity, thermal, transparency</p>	<p>Material Changes</p> <p>Change state, melting, solid, liquid, gas, dissolve, solution, soluble, insoluble, solute, solvent, particle, mix, mixture, filtering, sieving, evaporating, residue, burn, reversible, irreversible</p>
<p>Year 6</p> <p>classify research scientific questions variables fair test repeat readings precise identify patterns change variables measure variables causal relationship scientific evidence reliable articulate evaluate suggest reasons valid conclusion prediction trust results</p>	<p>Evolution and inheritance</p> <p>Evolution, suited, fossils, environment, adapted, adaption, offspring, characteristic, vary, variation, inherit, inheritance, reproduction, genetics</p>	<p>Environment – Classification</p> <p>Organism, microorganism, fungus, bacteria, virus, fish, amphibian, reptile, bird, mammal, vertebrate, invertebrate, arachnid, mollusc, insect, crustacean, classification key, environment</p>	<p>Electricity</p> <p>Electricity, appliance, device, electrical circuit, complete circuit, circuit diagram, circuit symbol, component, cell, battery, positive, negative, terminal, connect, connection, short circuit, wire, crocodile clip, bulb, bright, dim, switch, buzzer, volume, motor, conductor, insulator, metal, non-metal, voltage, current, resistance, series circuit, parallel circuit, amps</p>	<p>Animals/Health – Exercise, Health & The Circulatory System</p> <p>Circulatory system, heart, blood, blood vessel, artery, capillary, vein, pump, oxygen, carbon dioxide, lungs, nutrients, water, diet, exercise, drugs, lifestyle, oxygenated, deoxygenated, valve, respiration</p>	<p>Light and astronomy</p> <p>Light, light source, dark, darkness, reflect, reflection, reflective, mirror, shadow, block, absorb, direct, direction, transparent, opaque, translucent, refraction, spectrum, colour, rainbow</p>	<p>Project work</p>