

Science vocabulary coverage map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Autumn, day, dark, light, Winter, night, season, Moon, Sun, lighter, darker, shadow Polar animals (Penguin, Arctic fox, Orca, Elephant seal, Polar Bear, Snowy Owl), frozen, camouflaged, survival.	Hygiene, healthy, Non - healthy, grow, change, germs, 5 senses, teeth brushing, dentist, face, hair, leg, human, knee, arm, elbow, back, head, toes, ear, hands, eye, fingers, mouth, nose, parent, baby, child, adult, grandparent	Tulip, daffodil, bluebells, crocuses, snowdrops, dandelions, buttercups, daisy Plant, stem, leaf, roots, bulb, shoot, seed, growth flower, trunk, branches. life cycle, egg, caterpillar, chrysalis, cocoon, butterfly, water, food, air	Material, wood, plastic, glass, metal, paper, recyclable, hard, soft, rough, smooth, shiny		Pond, garden, woodland, seaside, habitat, wild, wildlife, native, woodland, birds, (owl, duck), insects/bugs/ minibeasts (lacewing, ladybird, woodlouse, bee, wasp, spider, tarantula, earthworm, snail, millipede, butterfly, caterpillar, microhabitats,
Year 1	<u>Seasonal changes</u> season spring summer autumn winter hibernate temperature weather	<u>Animals, including humans 1 – All about me</u> Head Body Brain Pupil Ear Sound Tongue Taste	<u>Everyday Materials 1 – Exploring Everyday Materials</u> Material Fabric Wood Plastic Metal Property Opaque Transparent	<u>Everyday Materials 2</u> Strong Clay Brick Roof Slate Window pane Window frame Cotton	<u>Plants</u> Seed Plant Stem Petal Deciduous Evergreen Fruit Vegetable	<u>Animals, including humans 2 – All about animals</u> Fish Amphibian Reptile Mammal Bird Warm-blooded Cold-blooded Herbivore
Year 2	<u>Uses of Materials</u> Material Property Obstacle Construction Stretchy Elastic Force Bend	<u>Living things and their habitats</u> Reproduce Excrete Respire Habitat Microhabitat Survive Producer Consumer	<u>Living things and their habitats - Habitats around the world</u> Organism Rainforest Endangered Biodiversity Ocean Ecosystem Desert Arctic	<u>Animals, including humans 1 - Growth</u> Nutrition Healthy Protein Carbohydrate Dairy Fat Exercise Hygiene	<u>Animals, including humans 2 - Life cycles</u> Life cycle Foetus Womb Offspring Reproduction Transformation Metamorphosis Froglet	<u>Plants</u> Photosynthesis Carbon dioxide Oxygen Glucose Pollination Germination Crop Forests
Year 3	<u>Scientific enquiry</u> Scientific investigation Prediction Plausible Record Data Method Control experiment Equipment Enquiry Practical Conclusion Fair test	<u>Forces and magnets</u> Force Friction Motion Texture Magnet Attract Repel Magnetic field Non-contact force Magnetism Compass Orienteering Spine Hamstrings Biceps	<u>Rocks</u> Chalk Flint Marble Limestone Sandstone Granite Igneous Metamorphic Sedimentary Fossil Soil Nitrogen	<u>Animals, including humans</u> Vitamin Mineral Nutrition label Balanced Endoskeleton Radius Tibia Rib cage	<u>Plants</u> Fertiliser Potassium Chlorophyll Photosynthesis Xylem Phloem Anther Filament Stomata Transpiration Pollen Nectar	<u>Light</u> Light Reflect Vitamin D Ultraviolet rays Fluorescent High visibility Shadow Ray Cast Position Shape Puppet

Year 4	<u>Living things and their habitats</u> Adapted Camouflage Coastal Grassland Classify Species Sub-group Classification key Region Blubber Ecosystem Oxygenised	<u>Animals, including humans</u> Oesophagus Digestive system Saliva Peristalsis Incisors Molars Enamel Fluoride Consumer Predator Tundra Hide	<u>Living things and their habitats - conservation</u> Migrate Monsoon Deforestation Biodiversity Emissions Pollution Pesticide Contaminate Drought Freshwater Marine sanctuaries Conservation areas	<u>States of matter</u> Thermometer Melting point Freezing point Boiling point Solid Liquid Gas Evaporation Particles Condensation Water vapour Substance	<u>Sound</u> Vibration Medium Source Energy Materials Reflect Volume Decibels Pitch Instruments Particles Sound source	<u>Electricity</u> Electricity Batteries Circuit Voltage Current Bulb Conductor Insulator Switch Control Wind turbines Hydropower
Year 5	<u>Properties of Materials</u> Conductive Magnetic Thermal Conduction Hardness Force Dissolve Solute Solvent Substance Filtering Evaporation	<u>Changes of Materials</u> Solute Solvent Reversible Evaporate Chemical change Effervescence Fair test Corrosion Combustion Extinguish Reaction Carbon dioxide	<u>Living things and their habitats</u> Living organism Naturalist Primatologist Metamorphosis Endangered Asexual Reproduction Fertilisation Placental mammal Monotreme mammal	<u>Forces</u> Sir Isaac Newton Gravity Galileo Galilei Parachute Water resistance Streamlined Buoyant Upthrust Friction Newton Lever Pulley	<u>Animals, including humans</u> Offspring Foetus Dependent Adolescent Puberty Gestation Pregnant Toddler Prenatal Breeding Embryo Hormones	<u>Earth and Space</u> Heliocentric Geocentric Solar system Astronomy Terrestrial planet Gas giants Axis Orbit Moon Phase Waxing Waning
Year 6	<u>Electricity</u> Circuit Battery Electricity Resistor Variable resistor Dimmer switch Output Systematically Synchronised Signal Conductor Insulator	<u>Animals including humans</u> Circulatory system BPM Diet Pulse Oxygenated Deoxygenated Atrium Ventricle Vessel Valve Diffusion Osmosis	<u>Light</u> Light Light source Reflected Variable Angle Mirror Opaque Transparent Sunshade Rotate Optical Spectrum	<u>Living things and their habitats</u> Classification Microorganism Habitat Living organism Species Microscopic Ecosystem Kingdom Linnaean System Cell	<u>Evolution and Inheritance</u> Inherit Adaptation Epiphytes Fossil Mary Anning Palaeontologist Ichthyosaurus Charles Darwin Evolved Natural selection Ancestor Homo sapiens	<u>Looking after the environment</u> Weather Global warming Recycle Biodegrade Net zero Greenhouse gases Industrial revolution Combustion COP Conference Species Habitat