



Jarrow Cross C of E Science Vocabulary List

<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
Animals including humans Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Carnivore, Omnivore Head, ear, eye, mouth, nose, leg, knee, arm, elbow, back Wings, beak, human	Animals including humans Survival, water, air (oxygen) food, adult, baby, offspring, kitten, calf, puppy, foal Exercise, hygiene	Animals including humans Bones, muscles, skull, ribs, skeleton, support, protection, movement, herbivore, carnivore, omnivore, teeth, canine, incisor, molar	Animals including humans Mouth, tongue, teeth, canine, incisor, molar, oesophagus, stomach, small intestine, large intestine, herbivore, carnivore, omnivore, digestive system, chew, grind. Producers, predators, prey.	Animals including humans Foetus, embryo, womb, gestation, baby, toddler, teenager, puberty, adolescent, adult, elderly, development, growth	Animals including humans Heart, Blood, Circulatory system, blood vessels, veins, arteries, valves, oxygenated, nutrients, diet deoxygenated, exercise, pulse, respiration
Light light, dark, shade, shadow, shine, eye.	Living things and their habitats Living, dead, habitat, microhabitat energy, food chain, prey, predator woodland, pond, desert, food chain.	Materials Properties, solubility, transparency, conductivity, electrical, thermal, magnet, attract, repel.	Living things and their habitats Fish, Reptiles, Mammals, Birds, Amphibians, snails, slugs, worms, spiders, insects, environment, habitat, vertebrate, invertebrate, exo-skeleton, adaptation, environment.	Living things and their habitats Reproduction of mammal, bird, insect and Amphibian, offspring, complete / incomplete metamorphosis, hatch.	Living things and their habitats Classification, mammals, birds, amphibians, fish, reptiles, insects, vertebrates, invertebrates, microorganisms, bacteria, fungi.

Everyday Materials Material, wood, plastic, glass, paper, fabric, metal, rock, hard, soft, smooth, shiny, rough, bendy (flexible), properties. stretchy, stiff, dull, waterproof, absorbent, opaque, transparent, translucent	Plants Seeds, bulb, water, light, temperature, growth, healthy, nutrients Evergreen & deciduous trees, branches, trunk, leaves, flowers (blossom) petals, fruit, roots, bulb, seed, stem, transport, structure, soil, reproduction, seed formation, dispersal, germination, pollination, photosynthesis.	Light Light, dark, shadows, blocking, mirror, reflect, reflective, reflection, opaque, transparent, translucent, light source, shadow,		Sound Volume, vibration, sound wave, loud, soft, high pitch, low pitch, tone, speaker, (amplitude, frequency)	
Seasonal changes Summer, Spring, Autumn, Winter, Season, Sun, day, Moon, Night, light, dark, sunrise, sunset, sun, rain, snow, hail, precipitation, wind, cloud, cloud cover, Deciduous, evergreen tree	Electricity Electricity, circuit, cell, wire, bulb, appliance, battery.	Rocks & soils Sandstone, limestone, granite, marble, pumice, slate, crystals, properties, permeable / impermeable, hardness, sedimentary, igneous, metamorphic, fossils, soil, organic matter, physical properties, tectonic plate.	Forces & Magnets Force, push, pull, contact, magnetic, attract, repel, poles (north / south) Friction, resistance	Properties & changes of materials Hardness, solubility, mixing, dissolving, melting, Solution, solute, transparency, conductivity, magnetic, filter, filtration, evaporation, condensation, solid, liquid, gas, reversible,	Forces Force, friction, Newton, gravity, newton meters, air resistance, water resistance, Gears, pulleys, levers

				substance, Reacting / reactants	
	Materials & their uses As for Y1 + stiff, shiny, dull, rough, smooth, waterproof, absorbent, transparent, opaque, brick, fabric, foil, squashing, bending, twisting, stretching, elastic, solid.		Electricity Conductor, insulator, circuit, Electricity, circuit, cell, wire, bulb, switch, buzzer, appliance, battery.	States of matter Solid, liquid, gas, temperature, heating, freezing point, boiling point, particles, evaporation, condensation, Thermometer, thermal insulation	Light Reflection, refraction, lens, light spectrum, colour ,prism, rainbow, light source
			Earth and Space Solar system, planet, sun, moon, earth, mercury, Venus, Mars, Jupiter, Saturn, Uranus Neptune, rotate, revolve, axis, constellation, phases of moon: waxing, waning, gibbous.	Evolution & Inheritance Fossils, adaptation, evolution, characteristics, reproduction, genetics	Electricity Cells, batteries, wires, bulbs, switches, buzzers, circuit, series/ parallel, conductors, insulators, amps, volts, component

Working scientifically

Investigation, enquiry, gather and record data, what to change, what we used, what we did, what we found out, what did we observe, ask a simple question.

Working scientifically

Investigation, enquiry, prediction, compare, observe, measure, equipment, thermometer, variable, dependent variable, independent variable, constant, patterns, diagram, data, equipment, apparatus, method, results, conclusion .