



## Glascote Academy Curriculum: Science Vocabulary



Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>6</b>	<p><b><u>Living Things &amp; Their Habitats</u></b> Organism, excretion, reproduction, vertebrate, invertebrate, classification, deciduous, evergreen, coniferous, micro-organisms, bacteria, Viruses, fungi</p>	<p><b><u>Electricity</u></b> Single circuit, Cell, Battery, Bulb, Current, Voltage, complete circuit, incomplete circuit, switch, buzzer</p>	<p><b><u>Light</u></b> Light source, Iris, Retina, Pupil, Lens, Reflection, Shadow, solar eclipse, refraction, spectrum of light.</p>	<p><b><u>Animals inc. Humans</u></b> Circulatory system, heart, blood vessels, vein, artery, capillary, red blood cells, white blood cells, lung, nutrients, plasma, oxygen, heart, atria, ventricles, calories, unsaturated fats, saturated fats, trans fats, drug, painkiller, stimulants, depressants, cigarette, vape, tar, nicotine, carbon monoxide, addiction,</p>	<p><b><u>Evolution &amp; Inheritance</u></b> Organism, variation, species, offspring, characteristic, inheritance, desirable characteristics, adaptation, habitat, evolution, theory, natural selection</p>	<p><b><u>Rocks</u></b> Fossil, rock, palaeontologist, evolution, skeleton, decompose</p>
<b>5</b>	<p><b><u>Forces &amp; Magnets</u></b> contact force, friction, motion, air resistance, drag, parachute, streamline, surface area, anomalous result, water resistance, streamlined, weight, non-contact force, lever, gear, pulley</p>	<p><b><u>Earth &amp; Space</u></b> The solar system, planets, spherical, stars, sun, orbit, surface, appearance, model, gravity, gravitational pull, Heliocentric, geocentric, axis, rotation, north pole, south pole, night, day, satellite, moon.</p>	<p><b><u>Materials</u></b> Transparent, translucent, opaque, magnetism, hardness, electrical conductor, electrical insulator, circuit, cell, bulb, thermal insulator, lifespan. <b><u>Animals inc. Humans</u></b> Adolescent, baby, foetus, elderly adult, adult, life cycle, milestone, toddler, child, womb, period, reproduce, puberty, hormone, life expectancy, gestation mammal, offspring</p>	<p><b><u>Living Things &amp; Their Habitats</u></b> Lifecycle, monotreme, offspring, mammary gland, mammal, amphibian, frogspawn, tadpole, froglet, metamorphosis, larva, pupa, chrysalis, insect, bird's egg, hatchling, nestling, fledgling, adult bird.</p>	<p><b><u>Materials</u></b> Dissolve, soluble, insoluble, solution, substance, filtering, states of matter, reversible change, chemical reaction, irreversible change, burning, heating,</p>	<p><b><u>Animals inc. Humans/</u></b> Fertilisation, embryo, sperm cells, egg cells, sexual reproduction, anther, filament, stigma, style, ovary, ovule, pollen, stamen, pistil, pollination, clone, runner, tuber, bulb, asexual reproduction, cutting, parent plant</p>
<b>4</b>	<p><b><u>Living Things &amp; Their Habitats</u></b> vertebrate, invertebrate, exoskeleton, invertebrate, flowering plant, non-flowering plant, classification key</p>	<p><b><u>States of Matter</u></b> Solid, liquid, gas, volume, states of matter, pouring solid, volume, freezing, melting, boiling, condensation, evaporation, water cycle, precipitation,</p>	<p><b><u>Sound</u></b> Vibration, ear (outer ear, ear bones, ear canal cochlea, ear drum) , sound, volume, pitch, decibel (dB), vibration,</p>	<p><b><u>Electricity</u></b> Appliance, plug, socket, cell, electrocuted, circuit, switch, battery, buzzer, conductor, insulator,</p>	<p><b><u>Living Things &amp; Their Habitats</u></b> rural, urban, biodiversity, classification key, vertebrate, invertebrate, flowering plant, non-flowering plant, natural resources, deforestation,</p>	<p><b><u>Animals inc. Humans</u></b> incisors, canines, premolars, molars, germs, enamel, root, plaque, decay, digestive system, mouth, oesophagus, stomach,</p>

		atmosphere, global warming, water vapour, melting point.	insulate, background noise		rewilding, nature reserve.	rectum, intestines, saliva,
3	<u>Animals inc. Humans</u> Skeleton: Skeleton, skull, ribcage, spine, pelvis, femur, exoskeleton, endoskeleton. Movement: hinge joint, ball joint, muscles, bicep and triceps, contracting, relaxing. Humans: Carbohydrate, protein, dairy product, fat, sugar, fruit and vegetables, carbohydrates, balanced diet, nutrition, vegan, vegetarian, pescatarian, omnivorous diet,	<u>Rocks</u> Granite, pumice, sandstone, chalk, marble, gneiss, crystals, layers, texture, grains, hardness, float, sink, brittle, reaction, weathering	<u>Rocks</u> Fossil, rock, skeleton, shell, fossilisation, sediment, sandy, clay, peat, chalky soil, organic matter, nutrients, habitat loss, deforestation, habitat, absorb.	<u>Light</u> Light, eyes, artificial and natural light sources, sun, reflection, shiny, dull, opaque, translucent, transparent, shadow, distance.	<u>Plants</u> dissection, water transportation, seed coating, seedling, germination, stamen, pollen, pistil, eggs, reproductive organs, pollination, pollinators, dispersal,	<u>Forces &amp; Magnets</u> Push, pull, force, contact force, smooth, rough Magnet, magnetic, poles, iron, steel, aluminium, magnetic force, attract, repel
2	<u>Animals inc. Humans</u> Animals need for survival: Mammal, carnivore, herbivore, omnivore, bird, insect, fish, amphibian, reptile, adult, baby, shelter Humans: Heart, exercise, physical health, mental health, diet, vegetables, fruit, sugar, germs, hygiene, disease, teeth, plaque, filling, gums.	<u>Materials</u> Natural material, human-made material, recycle, flexible, rigid, rock, stone, brick, brittle, flexible, transparent, translucent, opaque, fabric, tough, lightweight, waterproof,	<u>Plants</u> Plant, flower, fruit, vegetable, herb, blossom, stem, leaf, branch, trunk, seed, sunlight.	<u>Living Things &amp; Their Habitats</u> habitat, carnivore, herbivore, omnivore, microhabitat, diet, food chain, living, dead, never alive	<u>Plants</u> Plant, bulb, seed, shoot, roots, sunlight, temperatures, growth, measurement, observe, compost.	<u>Animals inc. Humans</u> Offspring, growth, egg, adult, parent, baby, child, teenager, adult, life cycle, mammal, adolescent, amphibian, frogspawn, tadpole, froglet, frog, caterpillar, pupa, butterfly, compare.
1	<u>Animals inc. Humans</u> Hair, eye, ear, nose, teeth, mouth, neck, elbow, hand, leg, feet, knee, arm, blind, hear, loud, quiet, noisy, sweet, salty, sour, bitter, savoury, skin, smell, scent,	<u>Materials</u> soft, hard, shiny, dull, rock, heavy, light, rough, smooth, metal, wood, plastic, glass, wool, solid, liquid, melt, freeze, ice,	<u>Plants</u> flower, leaf, petal, stem, root, seed, soil <u>Animals inc. Humans</u>	<u>Seasonal Changes</u> Season, Spring, Daylight, Night, Weather. Rainfall, rain gauge, <u>Plants</u> flower, leaf, petal, stem, root, seed, soil	<u>Plants</u> Flower, leaf, petal, stem, root, trunk, branch, fruit, deciduous tree, evergreen tree, branch,	<u>Plants</u> flower, leaf, petal, stem, root, seed, soil <u>Seasonal Changes</u> Summer, daylight, weather, night, season, rainy, windy, sunny, cloudy, record.

		float, sink, absorb, transparent, opaque. <u>Seasonal Changes</u> Autumn, Winter, daylight, weather, season, frosty, cloudy, windy, rainy.	mammal, bird, fish, amphibian, reptile, carnivore, herbivore, omnivore			
R	<u>Materials</u> soft, hard, shiny, dull, heavy, light, rough, smooth, float, sink. <u>Seasonal Changes</u> Autumn, weather, season, frosty, cloudy, windy, rainy.	<u>Materials</u> soft, hard, shiny, dull, heavy, light, rough, smooth, float, sink. <u>Seasonal Changes</u> Autumn, weather, season, frosty, cloudy, windy, rainy.	<u>Plants</u> flower, leaf, petal, stem, root, seed, soil <u>Seasonal Changes</u> Season, Winter, Night, Weather, snow, ice, cold.	<u>Plants</u> flower, leaf, petal, stem, root, seed, soil <u>Seasonal Changes</u> Season, Spring, Daylight, Night, Weather. Rainfall,	<u>Seasonal Changes</u> Summer, daylight, weather, season, heat, sunny <u>Animals inc. Humans</u> Hair, eye, ear, nose, teeth, mouth, neck, elbow, hand, leg, feet, knee, arm, light, dark, blind, hear, loud, quiet, noisy, skin,	<u>Seasonal Changes</u> Summer, daylight, weather, season, heat, sunny <u>Animals inc. Humans</u> Animal, mammal, fur, bird, fish,