



Science Vocabulary Progression 2023-24

<p>Year 1</p>	<p>Animals Including Humans</p> <p>sight touch hear smell taste legs arms hands fingers foot eyes nose mouth skin ears head body heart hair elbows neck</p> <p>bird fish amphibian reptile mammal carnivore herbivore omnivore feathers scales fur skin nocturnal</p>	<p>Plants</p> <p>root stem leaf flower seeds deciduous evergreen petal fruit bulb branch trunk blossom oak holly birch beech ash</p>	<p>Seasonal Change</p> <p>winter summer spring autumn temperature daylight hours night dark Sun Earth moon weather rain snow ice clouds</p>	<p>Everyday Materials</p> <p>Wood, plastic, glass, metal, water, rock, brick, paper, card, rubber, fur, fleece, cotton, wool, polyester, cotton wool, soft, hard, rough, smooth, stretchy, stiff, shiny, dull, flexible, waterproof, absorbent, opaque, transparent, translucent</p>	
<p>Year 2</p>	<p>Animals including Humans</p> <p>animal human adult parent young offspring water food air exercise hygiene body healthy diet height growth weight</p>	<p>Plants</p> <p>plants seeds bulbs mature water light healthy temperature growth roots flowers petal stem insects pollen leaves Sun</p>	<p>All Living things and their Habitats</p> <p>plants animals habitats conditions living dead alive dark light water damp dry food chain producer prey predator environment endangered species</p>	<p>Everyday Materials</p> <p>materials suitable squashing bending twisting stretching shiny dull transparent opaque translucent flexible stiff strong brittle insulator conductor</p>	
<p>Year 3</p>	<p>Animals including humans</p> <p>nutrition protein carbohydrate minerals vitamins fats sugars balanced diet skeleton skull spine ribcage pelvis femur calcium muscle contract relax</p>	<p>Plants</p> <p>roots stem trunk leaf/leaves flower stalk veins root hair nutrients seed seedling fruit pollination bud petal pollen nectar seed mature plant</p>	<p>Rocks</p> <p>strong hard sedimentary igneous metamorphic grains porous fossil layers erosion soil slate granite chalk sandstone volcano pebble crystal weathering</p>	<p>Forces and Magnets</p> <p>push pull force friction surface magnet attract repel magnetic bar magnet contact non-contact iron North Pole South Pole newton meter compass</p>	<p>Light</p> <p>Light dark reflection natural artificial source shadow blocked bright dim mirror absorb transparent opaque translucent</p>

<p>Year 4</p>	<p>Animals Including humans</p> <p>stomach intestines gullet anus mouth canine molar premolar incisor digest producer predator prey fibre sugar carbohydrate fat protein vitamins minerals</p>	<p>All living things</p> <p>Habitat climate weather temperature classify humidify shelter conditions adapt adaptation species invertebrate vertebrate bird reptile mammal amphibian fish</p>	<p>Sound</p> <p>vibration pitch volume absorb medium eardrum vibrate cochlea hammer anvil stirrup auditory nerve brain transmit absorb</p>	<p>States of Matter</p> <p>Solid liquid gas state melting boiling evaporation condensation water cycle temperature thermometer degrees Celsius precipitation</p>	<p>Electricity</p> <p>conductor insulator switch lamp circuit electricity buzzer brightness dim metal plastic battery cells wires shock safety</p>
<p>Year 5</p>	<p>Animals including humans</p> <p>growth puberty life cycle gestation womb elderly reproduction reproduce sperm egg foetus baby birth fertilisation death</p>	<p>All living things</p> <p>bird fish amphibian reptile mammal invertebrate life cycle reproduction growth gestation birth fertilisation germination pollination seed dispersal</p>	<p>Earth and Space</p> <p>Gravity star planet hemisphere attract attraction weight moon orbit revolve rotation axis equator solar system geocentric heliocentric sphere phases</p>	<p>Properties and changes of materials</p> <p>property transparent opaque soluble insoluble solute solution solvent conductor insulator magnetic filter filtrate evaporate burning rusting reversible</p>	<p>Forces</p> <p>force newtons gravity friction air resistance upthrust water resistance gear lever pulley drag thrust</p>
<p>Year 6</p>	<p>Animals including Humans</p> <p>Circulatory system heart blood vessel veins capillaries lungs respiration pulse ventricle aorta atrium arteries oxygen heart lungs blood</p>	<p>Living Things and Their Habitats</p> <p>Mammal reptile amphibians microorganism characteristics classify fungi virus bacteria vertebrate invertebrates species mosses ferns flowering plants conifers algae</p>	<p>Evolution and Inheritance</p> <p>Natural selection characteristic fossils parent species offspring inherit inherited characteristic environment adaptation evolve breed extinction evidence</p>	<p>Light</p> <p>Reflect reflection shadow light ray transmit opaque transparent translucent emit absorb prism pupil retina iris optic nerve lens image cornea mirror</p>	<p>Electricity</p> <p>conductor insulator battery cell lamp switch circuit component buzzer motor voltage function symbols wire graphite series metal</p>