



Science Vocabulary Progression

Year Group	Autumn		Spring		Summer	
Year 1	Unit: The Human Body Senses Touch Smell Taste Sight Heating Skeleton	Unit: Materials Hard/soft Stretchy/stiff Shiny/dull Rough/smooth Bendy Transparent Opaque Float Sink	Unit: Animals Mammal Fur Gills Beaks Amphibian Reptile Diet Carnivore Herbivore Omnivore	 Sustainability unit: Caring for the planet Earth Plant Animal Harmful Reuse Recycle	 Unit: Plants <i>(vocabulary consolidated through repeated planting units)</i> Flower Leaf Stem Petals Roots Trunk Branch Seed Deciduous Evergreen	 Sustainability unit: Growing and cooking Crops Fruit Vegetable Seed Farmer
	Unit: Seasonal changes (unit visited 4 times throughout the year) Autumn Winter Spring Summer Weather Daylight Night Season					
Year 2	Unit: Animals' needs for survival Mammal Insectivore Amphibian Feathers Beak Scales	Unit: Materials Fabric Flexible Tough Lightweight Brittle Squash Bend	Unit: Plants (light and dark) Fruit Vegetable Blossom Seed Stem Plant	Unit: Living things and their habitats Habitat Hibernate Woodland Microhabitat Living Dead	Unit: Plants (bulbs and seeds) Bulb Shoot Sunlight Temperature	Unit: Growing up offspring Growth Egg Adult Parent Baby Teenager



	<p>Gills Fin Shelter Reptile</p> <p>Unit: Humans Exercise Physical and mental health Diet Germs Hygiene Disease</p>	<p>Variables Waterproof Translucent Breakable</p> <p> Sustainability unit: Plastic Human-made Recycle Single-use</p>	<p>Sunlight</p>	<p>Never alive Food chain Moss</p>		<p>Adolescent Life cycle Offspring</p> <p> Sustainability unit: Wildlife Crops Nature Wildlife</p>
<p>Year 3</p>	<p>Unit: Skeletons Skeleton Skull Ribcage Spine Pelvis Femur Antennae Exoskeleton</p> <p>Unit: Movement Joint Hinge joint Ball-and-socket Contract Relax</p>	<p>Unit: Nutrition and diet Carbohydrate Protein Dairy Fat Balanced diet Nutrition</p> <p> Sustainability unit: Food waste Landfill Edible Inedible</p>	<p>Unit: Rocks Granite Pumice Sandstone Chalk Marble Crystals Grains Layers Texture Reaction Hardness</p> <p>Unit: Fossils Fossil Shell Fossilisation Sediment</p> <p>Unit: Soils Soil Sandy Clay</p>	<p>Unit: Light Natural light Artificial light Light source Protect Reflection Opaque Translucent Transparent Shadow</p>	<p>Unit: Plants Dissection Transportation Seedling Seed coating Germination Stamen Pistil Reproductive Pollination Pollinators Dispersal (wind, animals, water, explosion)</p>	<p>Unit: Forces Contact force Friction Force Push Pull</p> <p>Unit: Magnets Magnet Magnetic Poles Magnetic force Attract Repel</p> <p></p>



			Chalky Peat Organic matter Nutrients Filter Absorb			Sustainability unit: Biodiversity Endangered Extinct Rewilding
Year 4	Unit: Group and classify living things Vertebrate Invertebrate Soft-bodied invertebrate Flowering Non-flowering	Unit: States of matter Solid Liquid Gas (water vapour) Volume States of matter Condensation Evaporation Water cycle Precipitation	Unit: Sound Vibration Volume Pitch Outer ear Inner ear Cochlea Ear drum Decibel Insulate Vibration	Unit: Electricity Appliances Plug Socket Cell Battery Circuit Switch Buzzer Conductor Insulator  Sustainability unit: Energy Mains Battery powered Renewable Non-renewable	Unit: Habitats Rural Urban Biodiversity Natural resources Deforestation Rewilding Nature reserve  Sustainability unit: Deforestation Natural resource Habitat destruction Biodiversity Endangered Sustainable	Unit: The digestive system Teeth Incisors Canines Premolars Molars Germes Enamel Decay Digestive system Oesophagus Rectum Intestines Saliva Unit: Food chains Producer Predator Prey Consumer Farming Hunting
Year 5	Unit: Forces Motion Air resistance	Unit: Space Solar System Planets Spherical	Unit: Properties of materials Magnetism Hardness	Unit: Animals including humans Foetus Womb	Unit: Reproduction Fertilisation Embryo Sperm cells	Unit: Reversible and irreversible changes Dissolve Soluble



	<p>Water resistance Streamline Surface area Gravity Weight Lever Gear Pulley</p>	<p>Orbit Surface Gravitational force Axis Rotation Satellite</p> <p> Sustainability unit: Global warming Fossil fuels Global warming Greenhouse gases Climate change</p>	<p>Electrical conductor/insulator Thermal insulator Properties</p>	<p>Period Reproduce Puberty Hormone Life expectancy Gestation Offspring</p> <p>Unit: Life cycles Monotreme Offspring Mammary gland Metamorphosis Pupa Chrysalis Hatchling Nestling Fledgling</p>	<p>Egg cells Anther Stigma Filament Ovule Ovary</p>	<p>Insoluble Solution Substance Sieve Filter Reversible Irreversible Mixture</p> <p> Sustainability unit: Plastic pollution Landfill Pollution Microplastics</p>
Year 6	<p>Unit: Living things and their habitats Organism Excretion Reproduction Mollusc Arachnid Coniferous Microorganism Bacteria Virus Fungi</p>	<p>Unit: Electricity Series circuit Cell Battery Bulb Buzzer Switch Current Voltage Symbols Components</p> <p></p>	<p>Unit: Light Light source Ray Periscope Solar eclipse Refraction Medium Spectrum Prism Pupil Lens Iris Retina</p> <p></p>	<p>Unit: The circulatory system Blood vessels Capillaries Arteries Veins Red / white blood cells Plasma Oxygenated Deoxygenated Ventricle</p>	<p>Unit: Variation Organism Variation Species Offspring Characteristic Inheritance</p> <p>Unit: Adaptation</p>	<p>Unit: Fossils Fossil Rock Decompose Skeleton Evolution Palaeontologist</p>



		Sustainability unit: Renewable energy Solar power Wind power Renewable/non-renewable Wind turbine	Sustainability unit: Light pollution Migration Glare Skyglow Emission	Unit: Diet, drugs and lifestyle Balanced diet Calories Drug Painkiller Cigarette Nicotine Addiction Stimulants Depressants	Adaptations Habitat Evolution Common ancestor Theory Natural selection	
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