

Science vocabulary progression Years 1-6

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
Plants	Plants Leaf Stem Roots Deciduous Evergreen Trunk Branch Petal	Parts Function Seeds Bulbs Water Light Temperature Growth Roots Leaves	Stem Xylem Phloem Oxygen Carbon dioxide Nutrients Minerals Conditions	Petal Flower Stigma Style Ovary Ovule Stem Sepal Filament Anther Pollen Nutrition	Growth Bud Blossom Reproduction Bulb Transportation Grow Water Healthy Temperature Germination Photosynthesis		
Materials	Material Plastic Glass Metal Wood Waterproof Opaque Transparent Rock Properties Hard Soft Smooth Rough Flexible Rigid	Properties Material Suitable Hard Soft Stretchy Stiff Shiny Dull Rough Smooth Bendy Waterproof Absorbent Opaque Transparent	Fabrics Glass Metal Plastic Wood Squashing Bending Twisting Stretching Elastic Foil Man-made Natural Brick Paper			Materials properties Hardness Solubility Transparency Conductivity Dissolve Solution Substance Separate Mixture Solid Liquid Gases Filtering Sieving Evaporating Reversible Irreversible Chemical change magnetism	



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<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Animals including Humans</p>	<p>Fish Amphibian Reptiles Birds Mammals Herbivore Carnivore Omnivore Head Hands Mouth Ear Nose</p>	<p>Survival Water Air Food Adult Baby Offspring Kitten Calf</p>	<p>Puppy Exercise Hygiene Shelter Teeth Mammals Animal Humans</p>	<p>Carbohydrates Fats Fruit Vegetables Milk Dairy Vitamins Minerals Diet Nutrition Water Muscle Body</p>	<p>Skeleton Cranium Ribs Clavicle Ulna Humerus Phalanges Femur Patella Tibia Metatarsals Spine Vertebrae Pelvis</p>	<p>Teeth Incisors Molars Canines Digestion Nutrition Oesophagus Stomach Intestines Faeces</p>	<p>Herbivore Carnivore Omnivore Food chain Producer Prey Predator Consumer Detritivore</p>	<p>Growth Development Foetus Baby Childhood Puberty Adolescence Adulthood Old age Gestation Birth Death Reproduction</p>	<p>Circulatory system Organ Nutrient Blood vessels Lifestyle Transported Impact Heart Heartbeat Capillary walls Platelets Blood Exercise Drugs Alcohol Diet Legal Illegal</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Seasonal changes</p>	<p>Summer Spring Autumn Winter Seasons Climate Day Night Weather Compare Record Observe Temperature Thermometer</p>								
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Living things and their habitats</p>		<p>Living Dead Never alive Habitat Microhabitat Energy Predator Prey</p>	<p>Ocean Characteristics Movement Breathe Surroundings React Grow Reproduce</p>			<p>Mammals Amphibians Reptiles Birds Fish Insects Environment</p>	<p>Classification Grouping Key Danger Identify Endangered</p>	<p>Life cycle Mammal Amphibian Insect Bird Metamorphosis Reproduction Asexual reproduction</p>	<p>Classify Flora Fauna Micro-organism Species Reptile Bird Plant</p>



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		Woodland Pond Desert Rainforest	Waste Eat Suitable			Pollination Germination Seed dispersal Flowering Parent plant Sepal Stigma Style Ovary Anther Tuber Similarities Differences	Fish Mammal Characteristics Bacteria Microbe Fungi Virus
Rocks				Rocks Fossils Soils Bone Igneous Sedimentary Metamorphic Permeable Impermeable Fossilisation Layer	Limestone Slate Granite Hard Soft Smooth Grainy Dull Fizz Mary Anning Layer		
Light				Light Reflect Shadow Mirror Light sources Torch	Opaque Transparent Translucent Distance Straight line		Light source Reflect Translucent Transparent Travel Opaque Shadow Eye Optic nerve Iris Sclera Retina Lens Cornea



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						Pupil	
Forces and magnets			Push Pull Friction Gravity Attract Repel Magnetic Force	Magnet North pole South pole Magnetic field Iron Steel Cobalt		Gravity Air resistance Water resistance Friction Force Surface Up thrust Reaction force Levers Pulleys Gears Push Pull Galileo Galilei Isaac Newton Newton meter Parachute Effects	
States of matter					Solid Liquid Gas Evaporation Condensation Freezing Boiling	Temperature Reversible Water cycle Compare Observe Group	
Electricity					Diagram Symbols Electricity Circuit Appliances Conductors Simple circuit	Insulators Battery Wires Bulbs Switch Buzzer	Conduct Insulate Bulb Wire Cell Battery Switch Buzzer Motor



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						Series Simple circuit Symbol Voltage Brightness Components Fossil fuels Hydroelectric Power plant Wind turbines Solar power
Sound				Vibrations Travels Sound waves Pitch Volume	Distance Source Ear Ear drum Particles	
Earth and Space					Earth Sun Moon Solar System Sphere Day Night Rotation Orbit Planets Axis Spin Sunrise Sunset Winter Spring Summer Autumn	

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Inheritance and evolution						Evolve Evolution Survival Inherit Benefit Adaptation Inheritance Offspring Environment Gender Gene Natural selection Fossils Charles Darwin
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