

Goose Green Science Vocabulary

Strand	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants	Plant Tree Bush Flower Vegetable Herb Weed Grass Leaves Twig / stick Ground Seeds Underground	Grow Fruit Vegetable Water Light Warmth Soil Weather Sun Day Night Familiar plant names Rot Change	Trees found in local community Plant Leaf Root Flowers Petals Stem Stalk Petal Tree Trunk Branches Fruit Vegetables Bulb Seed	Healthy Mature Soil Temperature Wild Plants Garden Plants Blossom Bud	Fertiliser Germination Photosynthesis Pollination Animal dispersal Water dispersal Wind dispersal Reproduction Life Cycle Stem Stigma Style Anther			
Animals, including humans	Shoulders Hand Arms Neck Legs Knees Elbow Neck back Stomach Knees Ankles Tail Grow Baby Child Adult Different Same	Similarities Differences Brain Heart Bones Bottom Hips Collar bone, Wrist Beak Wings Feathers Gills	Fish Amphibians Reptiles Birds Mammals Invertebrates Human Feathers Scales Gills Fins Hair Land Water backbone skeleton Senses Tongue/Taste Nose/Smell Eyes/Vision Skin/Touch	Offspring Grow Survival Exercise Shelter Hygiene Egg Larva Pupa Caterpillar Butterfly Chick Hen Butterfly Spawn Tadpole Froglet Growth Nutrition Respiration	Nutrition Nutrients Balanced Diet Protein Carbohydrates Fats Fibre Vitamins Minerals Support Muscle Support Protect Vertebrate	Digestive System Digestion Saliva Acid Bile Enzymes Oesophagus Stomach Small Intestine Large Intestine Rectum Incisors Canines Premolars Molars	Life Cycle Mammal Gestation period Reproduction Foetus Puberty Hormones Period Ovulation	Heart Lungs Blood Circulatory system Arteries Ventricles Capillaries Heart Rate Pulse Rate Oxygen Carbon Dioxide

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			Ears/Hearing Meat Plants Omnivores Carnivores Herbivores Human					
Materials/ States of matter	Wood (twigs / sticks) Leaves Soil Dough Pinecones Conkers Bark Moss	Sort Materials Flexible Experiment Change Senses Explore Mixture	Wood Plastic Glass Water Rock Brick Fabric Sand Paper Flour Butter Milk Soil Hard/Soft stretchy/Not stretchy Shiny/dull Rough/smooth Bendy/not bendy Transparent/not transparent Sticky/Not sticky	Rubber Cardboard Squashing Bend Stretch Twist Flexible Crumble Squash Opaque Transparent Texture Strength	Appearance Physical Properties Fossilisation Sedimentary Rock/Soils/Peat Grains Pebble Organic Matter Weathering Marble Limestone Sandstone Granite Slate Chalk Texture Rock cycle Igneous Impermeable Metamorphic Sedimentary Permeable Heat Pressure Erosion Melt Solidify	Ice Solid Liquid Gas Melting Point Boiling Point Precipitation Evaporation Condensation Changing State Water Cycle Water Vapour Temperature Celsius	Solubility Insolubility Transparency Electrical Conductor Conductivity Magnets Dissolve Solution Separate Reversible changes Irreversible changes Filtering/Seizing Oxygen	
Seasonal changes	Day/Night Light/Dark Cloudy	Weather Storm Thunder	Season Summer Winter					

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	Hot Warm Cold Raining Snow Sun Wind Wet Dry	Lightning Wind Rain Sleet Cloudy Rainbow Day Night Light Dark	Autumn Spring Hail Sleet Snowflake Icy Frost Fog Sun Hot Mild Damp Temperature Degrees Celsius Thermometer					
Living things and their habitats				Habitat Micro Habitat Pond Meadow Logpile Woodland River Lake Beach Cliff Organism Roots Branch Trunk Stalk Petal Seeds Bulb		Classify Environment Cold-blooded Warm-blooded Exoskeleton Vertebrate Invertebrate Amphibians Hibernate Migrate Reptiles Insects Mammals Deforestation Endangered	Life Process Reproduction Fertilisation Asexual Sexual Sperm Egg Ovary Metamorphosis Gestation Seed Formation Seed Dispersal Runner	Bacteria Virus Arachid Mollusc Compare Classification Phylum Domain Kingdom Class Order Genus Species Carl Linnaeus
Light					Light Dark See Reflect			Source of Light Reflection Visible Spectrum Prism

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					Reflection Surface Natural Shadow Solid Torch Lamp Candle Sunlight Dangerous Protection UV Light Source Transparent			Shadow Opaque Translucent Transparent Refraction
Sound						Vibration Sound waves Source Volume Amplitude Pitch Soundproof Absorb Eardrum Sound Volume Pitch		
Electricity						Electricity Circuit Bulb Mains Plug Wire Motor Cell Battery Conductor Insulator Electrons Current		Component Current Cell Amp Series Motor Electron Resistance Transformer

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						Voltage		
Earth and Space							Planets Celestial Spherical Solar System Rotates Galaxy Hemisphere Orbit Revolve Rotates Lunar Revolve	
Forces					Forces Contact Push Pull Attract Repel Magnetic field North South Strength Strong Poles		Gravity Forces Air Resistance Water Resistance Resistance Mass Weight Friction Accelerate Decelerate Isaac Newton	
Evolution and inheritance								Adaptation Sexual reproduction Evolution Variance Inherited Traits Adaptive Traits Genetics Characteristics Species

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								Charles Darwin
Working Scientifically	Comment Ideas Choose Technology Look closely Similarity Difference Change Talk about Draw Create Why How Experience Environment Explain	Question Answer Observe Equipment Identify Classify Sort Diagram Chart Map Data Compare Contrast Describe Biology Chemistry Physics Record	Relevant Questions Scientific Enquiry Comparative And Fair Test Systematic Careful Observation Accurate Measurements Thermometer/Temperature Data Logger Data Gather Present Drawings/Pictograph Labelled Diagrams Keys Bar Charts/Tables/Block Graph Oral and Written Explanations Prediction/Conclusion Similarities/Differences/Changes Evidence Improve Secondary	Variables Measurements Accuracy/Precision Valid/Explanations Scientific Diagrams Classification Keys Scatter Graphs Line Graph Present Conclusions Causal Relationships Degree Of Trust Evidence Refute Ideas or Arguments Identify/Classify/Describe Patterns Systematic Quantitative Measurements				