

**Burton Road Primary School
Science Vocabulary Progression**

This document provides new vocabulary introduced in each Science unit. Teachers should use all new vocabulary plus any vocabulary learnt in previous years to assist in teaching. Children should use the vocabulary verbally and in written work to show understanding. Children should understand the words and their meanings which can be assessed through cold tasks for previously learnt vocabulary and hot tasks at the end of units to check retention. Working Scientifically vocabulary should be used within all units and should be built upon through the Key Stages. For more able children, vocabulary for working scientifically may be introduced sooner providing the child has a thorough and deep understanding of vocabulary at their Key Stage.

Year Group	Working Scientifically	Plants	Animals, including humans	Everyday Materials / States of Matter	Seasonal Changes	Living Things and their Habitats	Rocks	Light	Forces and Magnets	Sound	Electricity	Earth and Space	Evolution and Inheritance
EYFS	Test Answer Question Wonder Imagine	Seeds Bulb Roots Stem Stalk Leaves Flowers	Family Mum Dad Grandma Grandad Friends 'Body Parts' Taste Touch Sight Hearing Smell Diet Exercise	Melting Freezing	Spring Summer Autumn Winter Ice Snow Rain Hot Cold	Habitat Minibeast Spider Insect Butterfly Frog Lifecycle Head Thorax Abdomen Exoskeleton Shell Antarctic Tropical Desert	Fossil Bones	Bright Dark		Loud Quiet		Planets Oxygen Earth Moon	
Year 1	Equipment Observe Test Group Sort Data Questions Measure Record Discuss Compare	Wild Garden Flowers Deciduous Evergreen Leaves Petals Fruit Root Bulb Seed Trunk Branch Stem	Fish Amphibian Reptile Bird Mammal Carnivore Herbivore Omnivore Senses 'Body Parts'	Object Material Wood Plastic Glass Metal Water Rock Brick Paper Fabric Elastic Foil Physical Properties Hard/soft Stretchy/stiff Shiny/dull Rough/smooth Opaque/transparent	Spring Summer Autumn Winter Seasons Weather Day Length Hours Rain Sun Wind Snow Cloudy Hot Cold								
Year 2		Mature Plant Water Light Temperature Growth Healthy Germination Survival Suitable	Offspring Adult Survival Water Food Air Exercise Food Hygiene Growth	Suitable Unsuitable Purpose Solid Squashing Bending Twisting Stretching		Living Dead Never Alive Habitat Basic Needs Micro-habitat Food chain Food Sources Characteristics Environment Local							

						Shelter Seashore Woodland Ocean Rainforest Conditions							
Year 3		Function Nutrients Soil Air Vary Transported Life Cycle Pollination Seed Formation Seed Dispersal Fertiliser Reproduction	Nutrition Skeleton Muscles Support Protection Movement Function Diet				Appearance Physical Properties Fossil Rock Soil Organic Matter Local Environment Grains Crystals Sedimentary	Light Dark Reflected Sun Dangerous Protect Shadows Sources Blocked Opaque Patterns Mirror	Surfaces Forces Objects Magnetic Distance Attract Repel North Pole South Pole Contact				
Year 4	Enquiry Fair test Accurate Classify Identify Diagram Chart Results Conclusion Relationship		Digestive System Teeth Oesophagus Stomach Intestine Food Chain Producers Predators Prey	Solid Liquid Gases Matter State Heated Cooled Degrees Celsius Temperature Chemical Change Substances Condenses Evaporation Melting		Classification Identify Variety Dangers Changes Vertebrate Invertebrate Flowering Non-Flowering Human Impact Nature Reserve Ecological Garden Ponds Population Development Litter Deforestation				Sound Vibration Travel Ear Pitch Volume Strength Fainter Source Instruments Insulation	Appliances Simple Series Electrical Circuit Cell Wire Bulb Switch Buzzer Lamp Conductors Insulators Metal Components Motor		
Year 5	Hypothesis Variables Systematic Prediction Justify Evidence Precision Classification Scatter/Bar/Line Graphs Comparative Support/Refute		Embryo Foetus Baby Toddler Teenager Adolescence Old Age Development Puberty Hormones Gestation	Hardness Solubility Transparency Conductivity Electrical Thermal Dissolve Solution Mixture Filtering Sieving Reversible Irreversible		Life-cycle Mammal Amphibian Insect Bird Reproduction Sexual Asexual			Unsupported Gravity Falling Air Resistance Water Resistance Friction Mechanisms Levers Pulleys Gears Parachute Brakes			Earth Sun Solar System Moon Relative Spherical Rotation Day/Night Movement Mars Venus Mercury Jupiter Saturn Uranus Neptune Star Celestial Body Orbit Planet	

Year 6			Circulatory System Heart Blood Vessels Blood Drugs Lifestyle Organs Substances Harmful			Similarities Differences Micro-organisms Specific Classified Broad Groupings Subdivided Variation Bacteria Organisms		Travel Straight Lines Reflect Light Cast Periscope Rainbow			Brightness Voltage Variations Function Symbols Diagram Current		Change Fossils Inhabited Offspring Identical Adapted Suitable Environment Evolution Inheritance Breeds Variation Survival