

Parkwood Primary School Science Vocabulary Progression

Science Vision						
<ul style="list-style-type: none"> We use scientific vocabulary to show our science understanding We use practical equipment and our school grounds to explore We relate science to our everyday lives because we understand our learning We are curious; we explore and question the world around us We are engaged in our learning: lessons are fun to be a part of We question our findings and work collaboratively to solve problems 						

FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Working Scientifically						
	Scientific question Measure	Scientific question Observe	Prediction Findings Measure	Fair test Comparative test Equipment Thermometer Findings Conclusion Prediction	Comparative test Findings Conclusion Equipment Thermometer Sieve/sieving Filter paper Independent variable Dependent variable Controlled variable Control beaker Data Repeat reading	Data Findings Conclusion Independent variable Dependent variable Controlled variable Repeat reading Measure
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants						
Plant Tree Leaves Seed Trunk Bark	Plant Soil Flowering plant Leaves Stem Flower	Plant Seed Soil Bulb Germination	Plant Soil Tree Leaves Stem Flower			

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Soil	Petals Root Tree Bark Trunk Fruit Shrub Deciduous tree Evergreen tree		Root Trunk Seed Nutrients Transport Pollen Pollination Stamen Pistil Pollinators Seed dispersal Wind dispersal Animal dispersal Water dispersal Explosion dispersal			
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Forces						
Push Pull Magnet Float Sink			Push Pull Force Contact force Smooth Rough Magnet Magnetic force Poles Attract Repel Metal Non-metal Iron Nickel Cobalt		Force Contact force Non-contact force Gravity Weight Mass Newtons Grams Kilograms Isaac Newton Friction Air resistance Water resistance Mechanism Lever Pulley	

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					Gear	
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Animals including Humans						
Animal	Human	Animal	Nutrition	Carnivore	Life cycle	Circulatory
Life cycle	Body	Fish	Carbohydrates	Herbivore	Foetus	system
	Head	Amphibian	Protein	Omnivore	Baby	Heart
	Neck	Reptile	Fruit	Teeth	Adolescent	Blood vessels
	Arm	Bird	Vegetables	Molars	Adult	Veins
	Elbow	Mammal	Fats	Canines	Old age/elderly	Arteries
	Leg	Survival	Dairy	Incisors	adult	Blood
	Knee	Exercise	Balanced diet	Germes	Milestone	Red blood cells
	Face	Heart	Carnivore	Enamel	Toddler	White blood cells
	Ear	Physical health	Herbivore	Root	Child	Lungs
	Eye	Mental health	Omnivore	Plaque	Womb	Nutrients
	Hair	Healthy	Diet	Decay	Period	Plasma
	Mouth	Meat	Skeleton	Digestive system	Reproduce	Oxygen
	Teeth	Vegetable	Skull	Mouth	Puberty	Atria
	Sense	Fruit	Ribcage	Tongue	Hormone	Ventricles
	Sight	Sugar	Spine	Oesophagus	Life expectancy	Right atrium
	Light	Nutrition	Pelvis	Stomach		Left atrium
	Dark	Offspring	Femur	Small intestine		Right ventricle
	Hear	Egg	Joint	Large intestine		Left ventricle
	Loud	Adult	Hinge joint	Rectum		Nutrition
	Quiet	Parent	Ball-and-socket	Saliva		Balanced diet
	Taste	Life cycle	joint	Food chain		Carbohydrates
	Sweet	Baby	Muscle	Producer		Protein
	Salty	Teenager	Bicep	Predator		Fruit
	Sour	Frogspawn	Tricep	Prey		Vegetables
	Bitter	Tadpole	Contract	Consumer		Fats
	Savoury	Froglet	Relax			Dairy
	Touch		Exoskeleton			Unsaturated fats
	Skin					Saturated fats
	Nose					Trans fats

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	Smell Scent Sniff Animal Mammal Fur Tail Bird Feathers Beak Fish Scales Gills Fins Amphibian Reptile Carnivore Herbivore Omnivore					Calories Drug Painkiller Stimulants Depressants Cigarette Vape Tar Nicotine Carbon monoxide Addiction Heart rate Exercise
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Living Things and their Habitats						
Natural Woodland River Beach Jungle Desert		Plant Animal Woodland Desert Carnivore Herbivore Omnivore Mammal Bird Fish Amphibian Reptile Minibeast		Animal Fish Amphibian Reptile Bird Mammal Snails Slugs Worms Spiders Insects Spine Vertebrate	Life cycle Mammal Amphibian Insect Bird Plant Monotreme Mammary gland Foetus Baby Adolescent Old age/elderly adult	Living Non-living Characteristic Organism Excretion Reproduction Classification key Vertebrate Invertebrate Flowering plant Non-flowering plant Fish

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		Habitat Microhabitat Food chain Food source Diet Living Dead Never alive		Invertebrate Classification key Habitat Environment Biodiversity Natural resources Deforestation Rewilding Nature reserve Extinct Endangered Sustainable	Offspring Adult Frogspawn Tadpole Froglet Metamorphosis Egg (insect's) Larva Pupa Chrysalis Egg (bird's) Hatchling Nestling Fledgling Fertilisation Embryo Sperm cells Egg cells Sexual reproduction Pollen Stamen Pistil Anther Filament Ovule Stigma Style Ovary Pollination Clone Runner Tuber Bulb	Amphibian Reptile Bird Mammal Snail Slug Worm Spider Insect Mollusc Arachnid Micro-organism Bacteria Virus Fungi
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					Asexual reproduction David Attenborough Jane Goodall	
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Evolution and Inheritance						
						Organism Variation Species Offspring Inheritance Characteristic Adaptations Habitat Fossil Evolution Natural selection
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Seasonal Change						
Season Summer Autumn Winter Spring Weather	Season Summer Autumn Winter Spring Weather Daylight Night					
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Materials (including States of Matter)						
Material Paper Wood Water	Material Object Wood Plastic	Material Wood Paper Cardboard		Material States of matter Solid Liquid	Material Transparent Opaque Translucent	

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Solid Liquid Ice Freeze Melt	Glass Metal Rock Fabric Water Paper Soft Hard Shiny Dull Heavy Light Rough Smooth Absorb/absorbent Opaque Transparent	Rock Stone Pebble Brick Smooth Rough Flexible Rigid Brittle Opaque Transparent Translucent Waterproof Lightweight Strong Breakable Fold Squash Tear Bend Twist Stretch		Gas Melt Freeze Boil Heat Cool Evaporation Condensation Temperature	Temperature Solid Liquid Gas Magnetic Magnetism Hardness Electrical conductor Electrical insulator Thermal insulator Soluble Insoluble Dissolve Solution Substance Mixture Filtering Reversible change Irreversible change Chemical reaction	
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Rocks						
			Rock Igneous Sedimentary Metamorphic Fossil Fossilisation Skeleton Sediment Soil			

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			Clay Sandy Chalk Organic matter Permeable			
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Light						
			Light Eyes Light source Natural light source Artificial light source Dark Reflect Reflection Shiny Dull Sun Sunscreen Ultraviolet light Opaque Transparent Translucent Shadow			Light source Retina Iris Pupil Lens Reflection Angle Shadow Opaque Translucent Transparent
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Sound						
Sound Loud Quiet Louder Quieter				Sound Sound source Vibration Volume Louder Quieter		

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				Pitch High-pitched Low-pitched		
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Electricity						
				Electricity Appliances Plug Socket Cell Electrocute Series circuit Component Switch Battery Buzzer Wire Bulb Conductor Insulator Metal		Series circuit Component Cell Battery Wire Bulb Switch Buzzer Complete circuit Incomplete circuit Electrical current Voltage
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Earth and Space						
					Solar system Earth Moon Sun Spherical Planet Mercury Venus Mars Jupiter	

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					Saturn Uranus Neptune Orbit Rotate Axis Northern hemisphere Southern hemisphere Seasons Day Night Satellite	
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