

Science



Vocabulary Progression KS2: Years A and B

	Autumn 1	Autumn 2	Spring 1	Summer 1	Summer 2
Class 4 Year A	Scientific Enquiry (Y3)	States of Matter (Y4)	Plants (Y3)	Light (Y3)	STEM Challenge
Vocabulary for the unit	<ul style="list-style-type: none"> Investigation Method Evidence Diagram Equipment Fair testing Evidence Conclusion 	<ul style="list-style-type: none"> Melting point Freezing point Boiling point Solid Liquid Gas Evaporation Particles Condensation 	<ul style="list-style-type: none"> Photosynthesis Stamen Anther Stigma Pollination Seed Dispersal 	<ul style="list-style-type: none"> Reflect Ultraviolet rays Fluorescent Shadow Ray Cast 	<ul style="list-style-type: none"> fair testing estimate similarity difference evidence conclusion <p><u>Knowledge vocabulary- Rocks</u></p> <ul style="list-style-type: none"> Igneous Metamorphic Sedimentary Magma Erosion

	Autumn 1	Autumn 2	Spring 1	Summer 1	Summer 2
Class 4 Year B	Rocks (Y3)	Animals Including Humans (Y3)	Forces and Magnets (Y3)	Living Things and Their Habitats (Y4)	STEM Challenge
Vocabulary for the unit	<ul style="list-style-type: none"> Igneous Magma Sedimentary Metamorphic Weathering Acid rain Erosion Fossil Decompose 	<ul style="list-style-type: none"> Vitamin Mineral Endoskeleton Exoskeleton Radius Tibia Rib cage Spine Hamstrings Biceps 	<ul style="list-style-type: none"> Force Motion Friction Magnet Attract Repel Magnetic Field Magnetic Poles 	<ul style="list-style-type: none"> Adapted Camouflage Classify Species Classification key Ecosystem Oxygenised 	<ul style="list-style-type: none"> fair testing estimate similarity difference evidence conclusion <p><u>Knowledge vocabulary- Light</u></p> <ul style="list-style-type: none"> Light Cast Shadow Ray Position

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	Autumn 1	Autumn 2	Spring 1	Summer 1	Summer 2
Class 5 Year A	Animals including humans (Y4)	Properties of Materials (Y5)	Electricity (Y4)	Sound (Y4)	STEM Challenge
Vocabulary for the unit	<ul style="list-style-type: none"> Digestive System Oesophagus Saliva Incisors Molars Enamel Fluoride Consumer Predator 	<ul style="list-style-type: none"> Magnetic Thermal Conduction Hardness Force Dissolve Solute Solvent Substance Filtering Evaporation 	<ul style="list-style-type: none"> Electricity Series circuit Cell Battery Bulb Switch Electrical conductor Electrical Insulator 	<ul style="list-style-type: none"> Vibration Source Energy Materials Reflect Volume Decibels Pitch Instruments Particles 	<ul style="list-style-type: none"> Relationships Estimate Prediction Findings Conclusion Evaluate Variables Justify <p><u>Knowledge vocabulary- Earth & Space</u></p> <ul style="list-style-type: none"> Heliocentric Moon phase Waxing Waning

	Autumn 1	Autumn 2	Spring 1	Summer 1	Summer 2
Class 5 Year B	Conservation (Y4)	Living Things and Their Habitats (Y5)	Earth and Space (Y5)	Animal Including Humans (Y5)	STEM Challenge
Vocabulary for the unit	<ul style="list-style-type: none"> Migrate Deforestation Biodiversity Emissions Pollution Pesticide Contaminate Drought Marine Sanctuaries Conservation Area 	<ul style="list-style-type: none"> Living organism Naturalist Metamorphosis Endangered Asexual Reproduction Fertilisation Placental Mammal Monotreme Mammal 	<ul style="list-style-type: none"> Geocentric Heliocentric Solar system Terrestrial planet Gas giants Axis Orbit Moon phase Waxing Waning 	<ul style="list-style-type: none"> Offspring Foetus Adolescent Puberty Gestation Pregnant Toddler Prenatal Breeding Embryo Hormones 	<ul style="list-style-type: none"> Relationships Estimate Prediction Findings Conclusion Evaluate Variables Justify <p><u>Knowledge vocabulary- Sound</u></p> <ul style="list-style-type: none"> Vibration Materials Energy Decibels

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	Autumn 1	Autumn 2	Spring 1	Summer 1	Summer 2
Class 6 Year A	Forces (Y5)	Looking after the Environment (Y6)	Light (Y6)	Animals Including Humans (Y6)	STEM Challenge
Vocabulary for the unit	<ul style="list-style-type: none"> Gravity Air resistance Parachute Water resistance Streamlined Friction Newton Lever Pulley Gear 	<ul style="list-style-type: none"> Climate change Global warming Greenhouse gas Recycle Emissions Renewable Non-renewable Net zero 	<ul style="list-style-type: none"> Light Light source Reflected Variable Angle Mirror Opaque Transparent Sunshade Rotate Optical Spectrum 	<ul style="list-style-type: none"> Circulatory system BPM Diet Pulse Oxygenated Deoxygenated Atrium Ventricle Vessel Valve Diffusion Osmosis 	<ul style="list-style-type: none"> Independent variable Dependent variable Control variable Evidence Argument (science) Causal relationship Precision <p><u>Knowledge vocabulary- Evolution & Inheritance</u></p> <ul style="list-style-type: none"> Adapted Ancestor Evolved Natural selection

	Autumn 1	Autumn 2	Spring 1	Summer 1	Summer 2
Class 6 Year B	Changes in Materials (Y5)	Electricity (Y6)	Evolution and Inheritance (Y6)	Living things and their habitats (Y6)	STEM Challenge
Vocabulary for the unit	<ul style="list-style-type: none"> Solute Solvent Reversible Evaporate Chemical change Effervescence Fair test Corrosion Extinguish Combustion Reaction Carbon dioxide 	<ul style="list-style-type: none"> Component Circuit diagram Voltage Current Filament Output Insulative Conductive Series Circuit 	<ul style="list-style-type: none"> Variation Inherited Adaptation Ancestor Natural selection Evolved Extinct Gene Homo sapiens 	<ul style="list-style-type: none"> Classification Microorganism Habitat Living organism Species Microscopic Ecosystem Kingdom Linnaean System Cell 	<ul style="list-style-type: none"> Independent variable Dependent variable Control variable Evidence Argument (science) Causal relationship Precision <p><u>Knowledge vocabulary- Forces</u></p> <ul style="list-style-type: none"> Gravity Air resistance Friction Newton