

SCIENCE VOCABULARY

Cycle 1						
Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<u>Seasonal changes - Autumn to Winter</u> Season Spring Summer Autumn Winter Degrees centigrade Fahrenheit Day light Day Night Weather Observation Hibernate Migrate Adapt	<u>Scientists and inventors</u> Inventor Scientist Astronaut Biologist Veterinarian Mammal	<u>Animals including humans</u> <u>Identify and name basic structure</u> Amphibians Birds Fish Mammals Reptiles Carnivore Herbivore Omnivore Sight Hearing Touch Taste Smell	<u>Seasonal changes - Spring to summer</u> Degrees centigrade Sun rays Dehydrated Hydrated Observation	<u>Everyday materials</u> <u>Names and simple properties</u> Objects Materials Soft Hard Stretchy Shiny Dull Rough Smooth Bendy Waterproof Not waterproof Absorbent Not absorbent Transparent Opaque	<u>Plants</u> <u>Identify and name basic structure</u> Leaf Stem Leaves Root Flower Petals
2	<u>Plants and conditions for growth, sequence of growth</u> Germination Sprout Shoots Seed dispersal BEEFFS Nutrition	<u>Animals including humans</u> <u>Life processes and interdependence</u> Adult Develop Life cycle Offspring Young Live young Diet Exercise Disease Germs Hygiene Nutrition Pulse		<u>Different materials and their uses - Rocks</u> Igneous Sedimentary Metamorphic Magma Lava Sediment Permeable Impermeable Fossilisation	<u>Light</u> Light Light source Dark Reflection Reflect Reflective Ray Opaque Translucent Transparent	<u>Animals and their habitats</u> Living Dead Never alive Life processes Food chains Food sources Habitat Microhabitat Depend Survive MRS GREN
3	<u>States of matter</u> Changes of state Melting Freezing Melting point Boiling point Evaporation Condensation Water Cycle Temperature	<u>Plants</u> <u>Growth and functions</u> Roots Stem/trunk Leaves Photosynthesis Pollen Pollination Seed formation Seed dispersal Germination	<u>Electricity</u> <u>Simple circuits, conductors and insulators</u> Bulb Electricity Electrical appliance Mains Electrical circuit Cell and battery Component Switch Conductor Insulator Wire		<u>Living things and their habitats</u> <u>Grouping and classifying</u> Organisms Respiration Sensitivity Excretion Nutrition Environment Endangered species Extinct Classification Vertebrates Invertebrates Specimen Characteristics Habitat	<u>Animals inc. humans</u> <u>Digestion and food chains</u> Producers Consumers Prey Stomach Digest Small intestine Large intestine Rectum

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4	<u>Living things and their habitats</u> <u>Classifying and micro-organisms</u> Classification Vertebrate Invertebrate Non-flowering plants Micro-organisms Linnaean system	<u>Electricity</u> <u>Circuit symbols, changing circuits</u> Circuit Circuit symbol Circuit diagram Cell Battery Switch Voltage	<u>Earth and Space</u> Sun Earth Moon Planets Solar System Orbit Star Rotate Asteroid Meteor	<u>Properties and changes in materials</u> <u>Separation</u> Dissolve Solution Soluble Insoluble Thermal insulator Thermal conductor Electrical insulator Electrical conductor Flexible Sieve Filter Evaporative Reversible change Irreversible change Permeable Absorbent	<u>Animals including humans</u> <u>Health and circulation</u> <u>exercise and nutrients</u> Heart Pulse Blood Blood vessels Lungs Circulatory System Diet Exercise Drugs Lifestyle

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Cycle 2						
Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<u>Seasonal changes - Autumn to Winter</u> Season Spring Summer Autumn Winter Degrees centigrade Fahrenheit Day light Day Night Weather Observation Hibernate Migrate Adapt	<u>Scientists and inventors</u> Inventor Scientist Astronaut Biologist Veterinarian Mammal	<u>Animals including humans</u> <u>Identify and name basic structure</u> Amphibians Birds Fish Mammals Reptiles Carnivore Herbivore Omnivore Sight Hearing Touch Taste Smell	<u>Seasonal changes - Spring to summer</u> Degrees centigrade Sun rays Dehydrated Hydrated Observation	<u>Everyday materials</u> <u>Names and simple properties</u> Objects Materials Soft Hard Stretchy Shiny Dull Rough Smooth Bendy Waterproof Not waterproof Absorbent Not absorbent Transparent Opaque	<u>Plants</u> <u>Identify and name basic structure</u> Leaf Stem Leaves Root Flower Petals
2	<u>Plants and conditions for growth, sequence of growth</u> Germination Sprout Shoots Seed dispersal BEEFFS Nutrition	<u>Animals including humans</u> <u>Life processes and interdependence</u> Adult Develop Life cycle Offspring Young Live young Diet Exercise Disease Germs Hygiene Nutrition Pulse		<u>Different materials and their uses - Rocks</u> Igneous Sedimentary Metamorphic Magma Lava Sediment Permeable Impermeable Fossilisation	<u>Light</u> Light Light source Dark Reflection Reflect Reflective Ray Opaque Translucent Transparent	<u>Animals and their habitats</u> Living Dead Never alive Life processes Food chains Food sources Habitat Microhabitat Depend Survive MRS GREN
3	<u>Sound</u> Vibrations Volume Pitch Sound insulation	<u>Forces and magnets, friction</u> Magnetic Non-magnetic Compass Gravity Friction Magnetism Magnet Poles Attract Repel	<u>Light</u> Shadows and reflection Shadow Rainbow Refraction Opaque Translucent Transparent Spectrum	<u>Animals and teeth</u> <u>Nutrition and movement</u> (muscles and bones) Bacteria Contraction Relaxation Incisor Canine Pre-molar Molar Digestive system Digestion Producer Consumer Prey Food chain	<u>Rocks and soils</u> <u>Properties and fossils</u> Rock Fossil Soil Peat Sandy Chalky Clay Sedimentary Metamorphic Igneous Limestone marble granite pumice sandstone Limestone Slate Basalt	

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4	<u>Evolution and inheritance</u> <u>Variation and adaptation</u> Evolution Offspring Inherited Characteristics Variation Adapted Environment Species Fossil	<u>Light</u> <u>Reflection and how we see, how light travels</u> Incident ray Reflected ray The law of reflection Refraction Visible spectrum Prism <u>Sound recap</u> Vibrations Pitch Volume Sound insulation	<u>Forces</u> <u>Air and water resistance, gravity, friction, mechanisms</u> Force meter Newton Air resistance Water resistance Mechanisms Simple machines	<u>Living things and their habitats</u> <u>Grouping. Plant re - production</u> Asexual reproduction Fertilise Runner Bulb Cutting Tuber	<u>Animals including humans</u> <u>Life cycles</u> Life cycle Reproduction Sexual reproduction Metamorphosis
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