Year 1 and 2 Cycle A					
Autumn		**Spring**		**Summer**	
Weekly seasons and weather monitoring					
Animals including humans **Amazing Me!**	**Everyday Materials** **Brilliant Builders**	**Animals including Humans** **Wild and Wonderful Creatures**	**Seasonal Changes** **Wild Weather**	**Plants** **Growing Things**	**Living Things and Their Habitats** **Food Chains**
Vocabulary: Survival, Water, Air, Food, Adult, Baby, Offspring, Kitten, Calf, Puppy, Exercise, Hygiene	**Vocabulary**: Wood, Plastic, Glass, Paper, Water, Metal, Rock, Hard, Soft, Bendy, Rough, Smooth	**Vocabulary**: Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Leg, Arm, Elbow, Head, Ear, Nose, Back, Wings, Beak	**Vocabulary:** Summer, Spring, Autumn, Winter, Sun, Day, Moon, Night, Light, Dark	**Vocabulary:** Deciduous, Evergreen trees, Leaves, Flowers (blossom), Petals, Fruit, Roots, Bulb, Seed, Trunk, Branches, Stem, Water, Light, Temperature, Growth	**Vocabulary:** Living, Dead, Habitat, Energy, Food chain, Predator, Prey, Woodland, Pond, Desert
Working scientifically vocabulary: identify, classify, contrast, biology	**Working scientifically vocabulary:** question, answer, equipment, sort, group, record, chart, describe	**Working scientifically vocabulary**: question, answer, sort, group, compare, describe	**Working scientifically vocabulary**: question, answer, observe/observing, compare, contrast, record (diagram, chart, map), describe	**Working scientifically vocabulary:** question, answer, observe, identify, sort, group, describe , classify, record (diagram, chart) compare, contrast	**Working scientifically vocabulary:** classify, sort, group, observe, describe, question, answer, compare, contrast

Year 1 and 2 Cycle B					
Autumn		**Spring**		**Summer**	
Weekly seasons and weather monitoring					
Animals Including Hunans **People and Their Pets**	**Everyday Materials** **Brilliant Builders**	**Everyday Materials** **Exploring Changes**	**Seasonal Changes** **Weather Art**	**Plants** **Art and Nature**	**Living Things and Their Habitats** **Habitats and Homes**
Vocabulary: Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Leg, Arm, Elbow, Head, Ear, Nose, Back, Wings, Beak	**Vocabulary**: Hard, Soft, Stretchy, Stiff, Shiny, Dull, Rough, Smooth, Bendy, Waterproof, Absorbent, Opaque, Transparent Brick, Paper, Fabrics, Squashing, Bending, Twisting, Stretching Elastic, Foil	**Vocabulary**: Hard, Soft, Stretchy, Stiff, Shiny, Dull, Rough, Smooth, Bendy, Waterproof, Absorbent, Opaque, Transparent Brick, Paper, Fabrics, Squashing, Bending, Twisting, Stretching Elastic, Foil	**Vocabulary:** Summer, Spring, Autumn, Winter, Sun, Day, Moon, Night, Light, Dark	**Vocabulary:** Deciduous, Evergreen trees, Leaves, Flowers (blossom), Petals, Fruit, Roots, Bulb, Seed, Trunk, Branches, Stem, Water, Light, Temperature, Growth	**Vocabulary:** Living, Dead, Habitat, Energy, Food chain, Predator, Prey, Woodland, Pond, Desert
Working scientifically vocabulary: question, answer, sort, group, compare, describe	**Working scientifically vocabulary**: question, answer, identify, classify, chart, compare, contrast, describe	**Working scientifically vocabulary**: question, answer, identify, classify, chart, compare, contrast, describe	**Working scientifically vocabulary**: question, answer, observe/ observing, compare, contrast, record (diagram, chart, map), describe	**Working scientifically vocabulary:** question, answer, observe, identify, sort, group, describe , classify, record (diagram, chart) compare, contrast	**Working scientifically vocabulary:** classify, sort, group, observe, describe, question, answer, compare, contrast

Year 3 and 4 Cycle A					
Autumn		**Spring**		**Summer**	
Sound **Y4**	**States of Matter** **Y4**	**Living things and their habitats** **Y4**	**Living things and their habitats** **Y4**	**Electricity** **Y4**	**Animals including humans** **Y4**
Vocabulary: Volume, Vibration, Wave, Pitch, Tone, Speaker	**Vocabulary:** Solid, Liquid, Gas, Evaporation, Condensation, Particles, Temperature, Freezing, Heating	**Vocabulary:** Vertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Invertebrates, Snails, Slugs, Worms, Spiders, Insects, Environment, Habitats	**Vocabulary:** Vertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Invertebrates, Snails, Slugs, Worms, Spiders, Insects, Environment, Habitats	**Vocabulary:** Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators	**Vocabulary**: Mouth, Tongue, Teeth, Oesophagus, Stomach, Small Intestine, Large Intestine, Herbivore, Carnivore, Canine, Incisor, Molar
Working scientifically vocabulary: scientific enquiry, fair test, careful observation, accurate measurements, data (gather, record), record (labelled diagrams, bar charts, tables), oral and written explanations, conclusions, predictions, differences, similarities, evidence, construct, interpret	**Working scientifically vocabulary:** scientific enquiry, comparative test, fair test, systematic, careful observation, equipment - thermometer, data (gather, record), classify, record (drawings, labelled diagrams, keys, bar charts, tables), Oral and written explanations, conclusion, predictions, differences, similarities, changes, evidence, interpret	**Working scientifically vocabulary:** research (relevant questions), data (gather, record), classify, present, record (drawings, labelled diagrams, keys, tables), oral and written explanations, differences, similarities, changes, evidence, secondary sources, guides, keys	**Working scientifically vocabulary:** research (relevant questions), data (gather, record), classify, present, record (drawings, labelled diagrams, keys, tables), oral and written explanations, differences, similarities, changes, evidence, secondary sources, guides, keys	**Working scientifically vocabulary**: scientific enquiry, comparative and fair tests, equipment, data (gather, record, classify, present), record (drawings, labelled diagrams, keys, bar charts, tables), oral and written explanations, conclusion, prediction, evidence, further comparative and fair test	**Working scientifically vocabulary**: relevant questions, scientific enquiry,

Year 3 and 4 Cycle B					
Autumn		**Spring**		**Summer**	
Plants **Y3**	**Animals and Humans** **Y3**	**Rocks** **Y3**	**Rocks** **Y3**	**Light** **Y3**	**Forces and magnets** **Y3**
Vocabulary: Air, Light, Water, Nutrients, Soil, Reproduction, Transportation, Dispersal, Pollination, Flower	**Vocabulary:** Movement, Muscles, Bones, Skull, Nutrition, Skeletons	**Vocabulary:** Fossils, Soils, Sandstone, Granite, Marble, Pumice, Crystals, Absorbent	**Vocabulary:** Fossils, Soils, Sandstone, Granite, Marble, Pumice, Crystals, Absorbent	**Vocabulary:** Light, Shadows, Mirror, Reflective, Dark, Reflection	**Vocabulary:** Magnetic, Force, Contact, Attract, Repel, Friction, Poles, Push, Pull
Working scientifically vocabulary: research (relevant question), scientific enquiry, careful observation, comparative and fair test, accurate measurements, data (gather, record, present), record (drawings, labelled diagrams), oral and written explanations, prediction, conclusion, changes, construct	**Working scientifically vocabulary**: observation, fair test, accurate measurements, data, record (drawings, labelled diagrams, keys, bar charts, tables), explanation, differences, similarities, changes	**Working scientifically vocabulary**: research (relevant questions), scientific enquiry, fair test, comparative test, careful observations, gather data, classify, present, record (drawings, labelled diagrams, tables), oral explanations, conclusion, prediction, differences, similarities, keys, secondary sources.	**Working scientifically vocabulary**: research (relevant questions), scientific enquiry, fair test, comparative test, careful observations, gather data, classify, present, record (drawings, labelled diagrams, tables), oral explanations, conclusion, prediction, differences, similarities, keys, secondary sources.	**Working scientifically vocabulary:** enquiry, fair test, observation, accurate measurements, equipment, data (gather, record, present), record (drawings, labelled diagrams, keys, bar charts, tables), predictions, conclusions, evidence.	**Working scientifically vocabulary**: questions, scientific enquiry, comparative and fair test, observation, accurate measurements, equipment – magnets, data (gather, record), record (drawings, labelled diagrams, keys, bar charts, tables), oral and written explanation, conclusion, prediction, differences, similarities, changes, evidence, construct, interpret.

Year 5 and 6 Cycle A					
Autumn		**Spring**		**Summer**	
Animals including humans Y5	Animals including humans Y6	Electricity Y6	Evolution and inheritance Y5	Forces and Magnets Y5	Forces and Magnets Y5
Vocabulary: Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty **Working scientifically vocabulary**: Identify, classify and describe	**Vocabulary**: Circulatory, Heart, Blood Vessels, Veins, Arteries, Oxygenated, Deoxygenated, Valve, Exercise, Respiration **Working scientifically vocabulary:** record data (scientific diagrams. labels, classification keys, tables, scatter graphs, bar graph and line graph), predictions, report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), evidence (support, refute ideas or arguments)	**Vocabulary:** Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators, Amps, Volts, Cell **Working scientifically vocabulary**: plan, variables, measurements, repeat readings, record data (scientific diagrams. labels, classification keys, tables, scatter graphs, bar graph and line graph), predictions, report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), systematic, quantitative measurements, further com-	**Vocabulary:** Fossils, Adaptation, Evolution, Characteristics, Reproduction, Genetics **Working scientifically vocabulary:** report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), evidence (support, refute ideas or arguments) .	**Vocabulary:** Air resistance, Water resistance, Friction, Gravity, Newton, Gears, Pulleys **Working scientifically vocabulary:** plan, variables, measurements, accuracy, record data (scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs), predictions, further comparative and fair tests, report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), evidence, systematic, identify classify and describe	**Vocabulary:** Air resistance, Water resistance, Friction, Gravity, Newton, Gears, Pulleys **Working scientifically vocabulary:** plan, variables, measurements, accuracy, record data (scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs), predictions, further comparative and fair tests, report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), evidence, systematic, identify classify and describe

Year 5 and 6 Cycle B					
Autumn		**Spring**		**Summer**	
Living things and Habitats **Y5**	**Living things and Habitats** **Y6**	**Properties of Materials** **Y5**	**Properties of Materials** **Y5**	**Earth and Space** **Y5**	**Light** **Y6**
Vocabulary: Mammal, Reproduction, Insect, Amphibian, Bird, Offspring **Working scientifically vocabulary:** report and present (conclusions, casual relationships, explanations, oral and written display and presentation), scientific diagrams, identify, classify and describe	**Vocabulary:** Classification, Vertebrates, Invertebrates, Micro-organisms, Amphibians, Reptiles, Mammals, Insects **Working scientifically vocabulary:** record data (scientific diagrams, labels, classification keys, tables), record and present (conclusions, causal relationship, oral and written display and presentation), evidence (support, refute ideas or arguments), identify, classify and describe, patterns	**Vocabulary**: Hardness, Solubility, Transparency, Conductivity, Magnetic, Filter, Evaporation, Dissolving, Mixing **Working scientifically vocabulary**: plan, variables, measurements, repeat readings, record data (scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graph), predictions, further comparative and fair test, report and present (conclusions, casual relationships, explanations, degree of trust, oral and written explanations, diaply and presentation), evidence (support, refute ideas or arguments), identify, classify and describe, patterns, systematice, quantitative measurements.	**Vocabulary**: Hardness, Solubility, Transparency, Conductivity, Magnetic, Filter, Evaporation, Dissolving, Mixing **Working scientifically vocabulary**: plan, variables, measurements, repeat readings, record data (scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graph), predictions, further comparative and fair test, report and present (conclusions, casual relationships, explanations, degree of trust, oral and written explanations, diaply and presentation), evidence (support, refute ideas or arguments), identify, classify and describe, patterns, systematice, quantitative measurements.	**Vocabulary:** Earth, Sun, Moon, Axis, Rotation, Day, Night, Phases of the Moon, star, constellation **Working scientifically vocabulary**: report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), evidence (support, refute ideas or arguments)	**Vocabulary:** Refraction, Reflection, Light, Spectrum, Rainbow, Colour **Working scientifically vocabulary:** record data (scientific diagrams. labels, classification keys, tables, scatter graphs, bar graph and line graph), predictions, report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), evidence (support, refute ideas or arguments), systematic, quantitative, accuracy, precision, variables, measurements, plan, further comparative and fair test