Year 1	Working Scientifically Questioning, planning and managing variables. Observing: using equipment, making observations. Concluding/recording. Reporting.	Plants Identification of common wild and garden plants and deciduous and evergreen trees. Plant structure	Animals including humans Identification of common animals including fish, amphibians, reptiles, birds and mammals. Carnivores, herbivores and omnivores. Structure of animals including basic body parts of humans.	Materials Identifying materials including wood, plastic, metal, water, rock. Physical properties of materials.	Seasonal changes Earth and planets The seasons. Weather and the seasons.	
Year 2	Working Scientifically Questioning, planning and managing variables. Observing: using equipment, making observations. Concluding/recording. Reporting.	Living things and their environment The characteristics of living things. Habitats - how they provide the basic needs of different kinds of animals and plants. Simple food chains.	Plants Plant growth. Conditions for healthy growth.	Animals including humans How animals change as they grow. What animals need to survive. Why exercise and diet important.	Materials Exploring materials and their suitability for different uses.	
Year 3	Working Scientifically Questioning, planning and managing variables. Observing: using equipment, making observations. Concluding/recording. Reporting. Concluding and Evaluating.	Forces, magnets and electricity Friction. Forces and magnetism.	Plants Plant structure. Water Transport. Conditions for healthy growth. Life cycle of plants including pollination, seed formation and seed dispersal.	Animals including humans The musculoskeletal system. Maintaining health.	Materials Investigating rocks. Investigating fossils. Investigating soil.	Light and sound Dark and reflection. Sunlight. Shadows.

Year 4	Working Scientifically Questioning, planning and managing variables. Observing: using equipment, making observations. Concluding/recording. Reporting. Concluding and Evaluating.	Living things and their environment Classification. Habitats and adaptations.	Animals including humans Digestion (including teeth). Food chains.	Materials Solids, liquids and gases. The water cycle.	Light and Sound Sound	Forces, Magnets and Electricity The sources of electricity. Making circuits.
Year 5	Working Scientifically Questioning, planning and managing variables. Observing: using equipment, making observations. Concluding/recording. Reporting. Concluding and Evaluating.	Living things and their environment Lifecycles. Reproduction.	Forces, magnets and electricity Gravity Forces in action	Animals including humans Aging	Materials Properties of materials. Solubility. Reversible and irreversible changes. Uses of materials.	Seasonal changes Earth and planets The solar system.
Year 6	Working Scientifically Questioning, planning and managing variables. Observing: using equipment, making observations. Concluding/recording. Reporting. Concluding and Evaluating.	Living things and their environment Classification.	Light and sound How light travels – in straight lines. Shadows – use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.	Animals including humans The circulatory system. Keeping healthy. Nutrition and water transport.	Forces, magnets and electricity Understanding the impact of voltage, 'series' and 'parallel' within a circuit. Exploring circuits. Representing circuits.	Evolution and Inheritance Fossils. Inheritance. Adaptation.