	Term	Nursery	REception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Science	Autumn	**The Natural World** Body parts Seasonal changes – Autumn Natural materials.	**The Natural World** Body parts 5 senses. Autumn. Materials - changes	**Seasonal Changes** Summer to Autumn **Animals including Humans** Animal features and diets. Human body parts **Seasonal Changes -** Autumn to Winter	**Animals including Humans** Animal and human life cycles Exercise, diet, hygiene and health **Environment** Reduce, reuse and recycle.	**Animals including Humans** Healthy, balanced diets Skeletons and muscles **Rocks** Properties of rocks. Bones and fossils. Soil formation	**Animals including Humans** The digestive system. Teeth. Food Chains. **States of Matter** Solids, liquids and gases. Melting and Freezing. Evaporation and Condensation. The water cycle.	**Animals including Humans** Human development. Puberty. Old Age. **Earth and Space** Sun, Earth and Moon. Day and night	**Animals including Humans** The circulatory system, How diet and exercise, drugs and life style affect the body. **Evolution and Inheritance** Evolutionary ideas and theories. Selective and crossbreeding.
	Spring	**The Natural World** Butterfly life cycle Respect and care for living things. Melting materials Planting seeds, fruit, vegetables or/and herbs.	**The Natural World -** Winter and Spring Life cycle of penguins. Plastic, Metal and recycling **Plants** – life cycle of a sunflower, plant care.	**Everyday Materials** Objects and raw materials. Sorting objects. Umbrella Investigation **Seasonal Changes** – Winter to Spring **Plants** Seeds and plants. Deciduous and evergreen trees. Fruit and vegetable plants.	**Materials** Uses and suitability of everyday materials. Investigation: Teddy's raincoat **Plants** Plants, bulbs and seeds. Seed dispersal Investigation: Conditions for germination	**Famous Scientists and Inventors** Marie Curie **Plants** Different parts of plants and flowers. Life cycle of flowers.	**Famous Scientists and inventors** Charles Durrell Deforestation in Madagascar and the conservation program **Electricity** Circuit components Series circuits, Complete or incomplete circuits. Electrical conductors, insulators and Switches	**Materials** Material properties Thermal/electrical conductors and insulators. Dissolving. Separating mixtures and Irreversible changes. **Living Things and their Habitats** Parts of a flower. Plant pollination Life cycles of plants, mammals, birds, insects and amphibians.	**Light** Angles of incidence and reflection. Refraction, prims and colour Shadows **Living Things and their Habitats** Linnaean system. Classification of creatures Microorganisms. **Famous Scientists and inventors;** Alexander Fleming
	Summer	The Natural World – Weather around the World. Forces -magnets, floating, sinking and stretching. Light, dark and shadows.	Earth and Space – planets, day and night around the world Summer Animals – underwater animals. Floating/Sinking	Seasonal Changes Spring to Summer Famous Scientists and inventors – Mae Jamison	**Living Things in their Environment** Suitable Habitats. Seaside habitats and an unfamiliar habitat. Food chains. Micro-habitats **Famous Scientists and inventors;** Isaac Newton Louis Pasteur Rachel Carson	**Forces and Magnets** Identifying forces Friction Attraction and repulsion Investigation: magnet strength **Light** Dark and Light. Mirrors Parts of the eye Identify opaque, translucent and	**Living Things and their habitats** Sorting living things invertebrates Classification keys Identify dangers to wildlife in local and wider environment **Sound** Sound sources Pitch. Investigation: String Telephones	**Forces** Isaac Newton Accurately measure an object's weight and mass Air resistance; Galileo's 'Tower of Pisa' Streamlined shapes Friction **Famous Scientists and inventors**: David Attenborough	**Electricity** Construct and draw circuit diagrams using the correct symbols and voltage **Famous Scientists and Inventors:** Mary Leakey Steve Jobs

						transparent objects. Shadows			