

Science	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Senses What can you smell/hear/feel/see/taste?	Reversible and Irreversible – Melting and Freezing		Planting Seeds		
Year 1 -2 Year A	The Human Body Y2 1. Animals, including humans, survival and offspring 2. The Skeletal System, The Muscular System and Exercise 3. The Digestive system and Healthy Eating 4. The Circulatory system 5. Germs, diseases and preventing illness	Animals and their Needs Y1 1. Amazing Animals (Introduction to Animals) 2. Grouping animals: Fish, amphibians, reptiles, birds and mammals 3. Grouping animals: carnivores, herbivores and omnivores 4. Animals as pets 5. Describing animals	Electricity 1. Introduction to Electricity 2. Safety 3. Exploring Circuits (A) 4. Exploring Circuits (B) 5. Investigating Conductive and non-conductive materials	Plants Y1 1. What plants need 2. Parts of plants 3. Seeds 4. Deciduous and evergreen plants 5. Plants we eat	Materials and Matter 1. Materials and their uses 2. George de Mestral and Velcro 3. Matter under the microscope 4. Changing Solid Objects 5. Liquids and their properties	Materials and Magnets 1. Everyday Materials 2. Properties of Materials 3. Uses of Materials 4. Magnets 5. Investigation
Year 1 – 2 Year B	The Human Body Y1 senses 1. Introduction to Our Body and Our Senses 2. Eyes and Sight 3. Ears and Hearing 4. Touch, taste and smell 5. Understanding Sensory Impairment	Living Things and their environment Y2 1. Dead or Alive 2. What is a habitat? 3. Rainforest and Desert habitats 4. Meadow habitats 5. Underground habitats	Seasons and Weather 1. The four seasons 2. Tools to record the weather 3. Using a graph to show information about the weather 4. Clouds and what they tell us: cirrus, cumulus and stratus 5. Weather forecasting 6. Extra lesson: Dangerous weather around the world	Taking Care of the Earth 1. Taking Care of the Earth 2. Earth’s Natural Resources 3. Logging 4. Pollution 5. Recycling	Plants Y2 1. Plants around us 2. Seeds and bulbs 3. Comparative test 1 4. Comparative test 2 5. Food and Farming	Astronomy 1. Introduction to Astronomy 2. Model the Solar System 3. Orbit and Rotation 4. The Moon and its Phases 5. Constellations
Year 3 – 4 Year A	The Human Body 1. Cells and Nutrients 2. Teeth and Senses 3. Digestion 4. A Healthy Diet 5. Vitamins and Minerals 6. Assessment	Cycles in Nature 1. The Four Seasons (prior learning) 2. Seasonal Cycles in Plants 3. Life Cycle of a Plant 4. Animal Migration 5. Life Cycle of a Frog 6. Assessment	Light 1. Light and Dark 2. Transparent and Opaque Surfaces 3. Mirrors and Reflection 4. Part 1—Shadows 5. Part 2—Finding Patterns in Changing Shadows 6. Assessment	Plants 1. Botany and Flowering Plants 2. Requirements for Life and Growth 3. Water Transportation in Plants 4. Pollination in Flowering Plants 5. Seed Dispersal 6. Assessment	Rocks 1. Sorting rocks 2. How Rocks are Formed 3. Permeability 4. Fossils 5. Soil 6. Assessment	Forces and Magnets 1. Forces (Gravity) 2. Friction 3. Magnet 4. Magnetic Poles and Fields 5. Investigating the strength of magnets 6. Assessment
Year 3 – 4 Year B	The Human Body 1. The Muscular System 2. The Skeletal System 3. The Nervous System 4. Preparing to Eat (Healthy Diet) 5. The Digestive System (Teeth) 6. Assessment	Classification 1. Introduction 2. Vertebrates: Fish and Amphibians 3. Vertebrates: Reptiles, Birds and Mammals 4. Invertebrates: Insects, Arachnids and Molluscs 5. Plants 6. Assessment	Ecology 1. Living Things and Habitats 2. Natural Cycles 3. Web of Living Things 4. Air Pollution 5. Ecology in our Local Areas 6. Assessment	Sound 1. What is sound? 2. Speed of sound 3. Qualities of sound—Pitch and Volume 4. Human Voice 5. Ears— How we Hear 6. Assessment	States of Matter and The Water Cycle 1. States of Matter 2. Evaporation 3. Condensation 4. Precipitation 5. The Water Cycle 6. Assessment: The Water Cycle	Electricity 1. Electrical Safety 2. Parts of a circuit 3. Switches 4. Thomas Edison and Lewis Latimer 5. Investigating conductive and non-conductive materials 6. Assessment
Year 5 – 6 Year A	The Human Body 1. Gestation and Infancy 2. Adolescence and Puberty 3. Slowing Down 4. Growth in Humans and Animals 5. Preparation for Assessment (research and scientific drawing) 6. Assessment	Materials 1. Properties of materials 2. Which material is best? 3. Solubility- which materials are most soluble/what solubility means 4. Separating mixtures- sieving, filtering, evaporating 5. Reversible changes- dissolving, mixing, change of state 6. Assessment	Living Things 1. Life Cycles of Plants and Animals in our Local Area 2. Reproduction in Plants 3. Life Cycles of Mammals and Amphibians 4. Life Cycles of Insects and Birds 5. The Work of David Attenborough and Jane Goodall 6. Assessment	Forces 1. Forces Including Gravity 2. Air Resistance, Water Resistance and Friction 3/4. Guided Investigation: Paper Drop 5. Pulleys, Gears and Levers 6. Assessment	Astronomy 1. The Big Bang and the expanding universe 2. Gravity 3. Our Solar System 4. The Moon 5. Our Galactic neighbourhood 6. Assessment	The Human Body (Circulatory system) 1. The Heart: Circulation of the Blood 2. Blood Vessels and Transport 3. Blood Pressure and Heart Rate 4. Heart Rate- an Investigation 5. Heart Rate– an Investigation continued 6. Assessment 7. Optional extra lesson: components of blood
Year 5 -6 Year B	Classification of Living Things 1. Classifying organisms 2. Cells: Plant and Animal cells 3. Taxonomy 4. Vertebrates 5. Invertebrates 6. Assessment	Meteorology 1. Meteorology and the Atmosphere 2. The Ozone Layer 3. Air Movement 4. Cold and Warm Fronts 5. Thunder and Lightning 6. Assessment	Electricity 1. Simple Series Circuits 2. Voltage 3. Switches 4. Planning an Investigation 5. Investigation 6. Assessment	Light 1. How Light Travels 2. How We See 3. Shadows and Their Shapes 4. The Colour of Light 5. Making a Periscope 6. Assessment	Reproduction 1. Asexual reproduction 2. Sexual reproduction in non-flowering plants 3. Sexual reproduction in flowering plants 4. Reproduction in animals	Evolution 1. Fossils and Mary Anning 2. Inheritance 3. Adaptation 4. Charles Darwin 5. Alfred Wallace 6. Assessment

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