

Long Term Plan for Science 2026-2027

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Owl	Parts of the body Senses	Light and Dark	Observation & Investigation skills	Materials	Mini-beasts and their habitats Life Cycles	Floating and sinking
Osprey	Everyday Materials Describe properties and sorting	Seasonal Changes Describe differences	No Set Unit	Animals Including Humans Humans - Body parts/senses	Animals Including Humans Animals - Identify, describe, compare	Plants Name Plants, plant Parts and basic structure
Falcon	Uses of Everyday Materials Identify, compare and uses. Squash, bend, twist, stretch.	No Set Unit	Animals Including Humans Humans - Life cycles, needs and survival, importance of healthy lifestyle	No Set Unit	Plants Conditions needed for healthy growth.	Living Things and their Habitats
Kestrel	Animals Including Humans Nutrition, skeletons and muscles	Light Light & dark, reflective surfaces, sunlight, shadows and patterns	Forces and Magnets Friction, attract & repel, materials and poles	Plants Functions, life cycle, requirements for life & growth and pollination	Rocks Rock types, physical properties, fossils, rocks and soils	No Set Unit
Merlin	Living Things and their Habitats Classification and keys; environmental impact and the wider environment; food chains; predators and prey.	Electricity Build a simple circuit; conductors and insulators.	States of Matter Solids, liquids and gasses; change of state (temperature); evaporation and condensation.	Sound How sounds are made; patterns in pitch, volume and distance.	No Set Unit	Animals Including Humans Digestion and teeth
Hawk	Animals Including Humans Changes as humans develop to old age.	Earth and Space Movement of planets relative to the sun and Earth relative to the moon. Day and night.	Properties & Changes of Materials Solids, liquids & gasses, Properties and links to electrical, thermal and magnetic response. Separation through sieving, filtering and evaporating. Reversible and irreversible changes. Irreversible formation of new materials.		All Living Thing & Their Habitats Differences in lifecycles of mammals, amphibians, insects and birds. Reproduction in plants and animals.	Forces Gravity, air resistance, water resistance, friction and mechanisms.
Eagle	Animals Including Humans Circulatory system, lifestyle and transportation of nutrients.	Electricity Voltage, variations, effects on how components function and use of symbols in simple circuit diagrams.	Evolution and Inheritance Fossils as evidence, offspring variations, adaptations and evolution.	Living Things and Their Habitats Classification, vertebrates, invertebrates and micro- organisms.	Light How light travels. How we see. How shadows are cast.	No Set Unit