

LMPS Year 3 Science Curriculum

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Materials: Rocks	Energy: Light	Animals, including humans: Movement and nutrition.	Forces: Magnets	Plants: Introduction to Plants	Making Connections: Does handspan affect grip?
Understand the relationship between properties of rocks and their uses.	Understand the relationship between light sources, objects and shadows.	Identifying and grouping animals and understanding human and animals' nutritional needs.	Identifying examples of magnets and their properties.	Understand the structure and function of basic parts of a plant.	Consolidation of knowledge through investigation.

LMPS Year 4 Science Curriculum

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Animals including humans: Teeth and digestive systems.	Materials: States of matter.	Energy: Sound	Energy: Electricity	Living things and their habitats: Changing habitats	Making Connections: How does flow of water?
Identify the main organs of the human digestive system and their functions.	Comparing groups of materials, solids, liquids and gases and observing changes in states of matter.	Comparing the suitability of materials by carrying out tests and recording data.	Identifying parts of a simple circuit.	Classifying living things and understanding impacts of their environment.	Consolidating knowledge through enquiry.

LMPS Year 5 Science Curriculum

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Forces, earth and space: Unbalanced forces	Forces, Space and Earth: Planets	Materials: Mixtures, separation,	Materials: properties and changes.	Animals, including humans: Lifecycles of plants insects and birds. Sex education.	Making Connections: Does the size of an asteroid affect its impact strength?
Understanding and investigating when forces are imbalanced, the speed, shape or direction of an object changes.	Identifying, naming and ordering relative positions of the planets and other main celestial bodies.	Classification of materials, dissolving and solutions, including filtering, sieving and evaporation.	Examining the properties of materials by investigating hardness, transparency and conductivity and considering how these characteristics affect their uses.	Describe the human life cycle. Understand that life cycles show changes to animals and plants.	Consolidation of knowledge through investigation.

LMPS Year 6 Science Curriculum

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Energy: Electricity	Energy: Light	Animals including humans: Circulation and health	Living things and their habitats: Evolution and inheritance.	Living things and their habitats: Classifying big and small.	Making Connections: Are some sunglasses safer than others?
Understanding conventions used to draw circuit diagrams and identifying a wider variety of components.	Observing how light travels and how shadows are created.	Identifying the main parts of the human circulatory system and their functions.	Observing reversible and irreversible changes.	Characterise different groups and understanding micro-organisms.	Consolidation of knowledge through investigation.