

# Science

## Key Stage 3

### Year 1- 2023-2024

Term 1: Electricity, Forces, Waves  
Term 2: Separation Techniques, Acids and Alkalis, Periodic Table  
Term 3: Cells, Human Body, Food Chains, Adaptations, Variations

### Year 2 - 2024-2025

Term 1: Density, Properties of Light, Energy Transfers, Seasons, Magnetism, Gravity  
Term 2: Fires Safety, Properties of Metals, Global Warming, Rocks  
Term 3: Biodiversity, Aerobic and Anaerobic Respiration, Organisms

### Year 3 2025-2026

Term 1: Speed, Turning Forces, Static Electricity, Electromagnets  
Term 2: Materials, Reactivity, Displacement, Recycling, Demolition  
Term 3: DNA, Natural Selection, Organic Farming

## Key Stage 4 - Entry Level Certificate Science (Pearson)

Pathway chosen depending on staff, student and parental choice

### Year 1

Term 1: Cells, Genetics, Inheritance, Atoms, Compounds, States of Matter  
Term 2: Forces, Movement and Energy, Health, Disease, Development of Medicine  
Term 3: Separating Mixtures, Waves and Radiation

### Year 2

Term 1: Plants and Ecosystems, Acids and Metals  
Term 2: Electricity and Magnets, Human Biology, Elements and Chemical Reactions  
Term 3: Energy and Particles, Fuels and Earth's Atmosphere

## Key Stage 4 - Entry Level Certificate Further Science / GCSE (Pearson)

### Year 1

This is the same as Functional Skills but with more in depth knowledge and students will be required to complete assessed practicals for the GCSE

### Year 2

This is the same as Functional Skills but with more in depth knowledge and students will be required to complete assessed practicals for the GCSE

