

SCIENCE KS3

Year 1:

Biology

- Cells and tissues
- Animal reproduction
- Plant reproduction
- Environment and adaptation
- Variation and classification
- Photosynthesis
- Food and digestion

Chemistry

- Particles
- Atoms and elements
- Acids and alkalis
- Pure and impure substances
- Simple chemical reactions
- Compounds

Physics

- Energy transfers
- Forces and effects
- Electricity
- Energy resources
- Magnets and electromagnets
- Motion

Year 2

Biology

- Lungs and gas exchange
- Respiration
- Muscles and bones
- Inheritance and evolution
- Drugs and health
- Microbes

Chemistry

- Periodic table
- Extracting metals
- Reactions of acids
- Describing reactions
- Earth and atmosphere
- Innovative materials

Physics

- Domestic and static electricity
- Waves and sound
- Light
- Application of forces
- Heat transfer
- Exploring space