

We study Biology in order to make sense of the fascinating and complex web of life on our planet

We study Chemistry in order to understand the building blocks of matter and the reactions that sustain our future

We study Physics in order to explore the fundamentals of the world around us and the wonder of the universe that surrounds us

Science Skills

- Balance Equations
- Draw Conclusions
- Explain Outcomes
- Use a range of complex apparatus safely
- Write a plan
- Analyse complex data

- Write Word & Symbol Equations
- Draw conclusions
- Describe Outcomes
- Use apparatus safely
- Plan an investigation with support
- Analyse a range of data
- Construct tables

- Use symbols for elements
- Use formulae for simple molecules
- Use basic apparatus safely
- Follow instructions
- Analyse simple data

Maths Skills

- Inverse Square Rule
- Standard Form
- Mole Calculations
- Complex Units
- Surface Area: Volume Ratio
- Tangents to Curves
- Area under Graph
- Rearrange Complex Equations

- Line Graph
- Line of Best Fit
- Prefixes (Mega, kilo, milli)
- Rearrange Simple Equations
- Calculate %
- Units
- Efficiency
- Scale

- Bar Graph
- Line Graph
- Simple Units
- Substitute into equations
- Simple Calculations
- Averages

