

Curriculum Plan

Science



Year 7

In Y7 we follow the Science Mastery programme.

Autumn 1

- Cells
- Particles

Spring 1

- Atoms, Elements, Compounds
- Space

Summer 1

- Mixtures
- Energy Transfers

Autumn 2

- Forces
- Reproduction

Spring 2

- Interdependence

Summer 2

- Electric Circuits

Year 8

Autumn 1

- Cells
- Forces

Spring 1

- Inheritance
- Magnets

Summer 1

- Electricity

Autumn 2

- Natural World
- Reactions and energy

Spring 2

- Energy
- Systems

Summer 2

- Light

Year 9

Autumn 1

- Inheritance
- Natural world
- Systems

Spring 1

- Electricity
- Cells

Summer 1

- Energy
- Atomic Structure

Autumn 2

- Light
- Reactions and Energy
- Properties and bonding

Spring 2

- Cells
- Energy

Summer 2

- Atomic Structure

Year 10 AQA Trilogy Combined Science

Autumn 1

- Chemistry Paper 1: Energy Changes
- Chemistry Paper 2: Rates of Reaction
- Physics Paper 1: Matter
- Physics Paper 1: Atomic Physics

Spring 1

- Biology Paper 1: Infection and Response
- Chemistry Paper 1: Chemical Changes
- Physics Paper 1: Energy review

Summer 1

- Chemistry Paper 1: Quantitative Chemistry
- Biology Paper 2: Ecology
- Chemistry Paper 2: Chemistry of the Atmosphere

Autumn 2

- Biology Paper 1: Cells and Organisation
- Chemistry Paper 1: Structures and Bonding

Spring 2

- Biology Paper 1: Bioenergetics
- Physics Paper 1: Electricity

Summer 2

- Physics Paper 2: Waves

Year 10 AQA Separate Science

Autumn 1

- Biology Paper 1: Cells and Organisation
- Chemistry Paper 1: Energy Changes
- Physics Paper 1: Matter

Spring 1

- Biology Paper 1: Infection and Response
- Chemistry Paper 1: Structures and Bonding
- Physics Paper 1: Energy review
- Physics Paper 1: Electricity

Summer 1

- Biology Paper 2: Ecology
- Chemistry Paper 1: Chemical Changes
- Chemistry Paper 1: Quantitative Chemistry
- Physics Paper 2: Waves

Autumn 2

- Biology Paper 1: Cells and Organisation
- Chemistry Paper 2: Rates of Reaction
- Physics Paper 1: Atomic Physics

Spring 2

- Biology Paper 1: Bioenergetics
- Chemistry Paper 1: Chemical Changes
- Physics Paper 1: Electricity

Summer 2

- Biology Paper 2: Ecology
- Chemistry Paper 1: Quantitative Chemistry
- Physics Paper 2: Waves

Year 10 AQA Trilogy Combined Science

Autumn 1

- Biology Paper 2: Homeostasis Pt 1
- Biology Paper 2: Inheritance Pt 1
- Chemistry Paper 2: Organic Chemistry
- Chemistry Paper 2: Using Resources

Spring 1

- Biology Paper 2: Homeostasis Pt 2
- Biology Paper 2: Inheritance Pt 2
- Chemistry Paper 2: Chemical Analysis
- Chemistry Paper 2: Chemistry of the Atmosphere

Summer 1

- Revision

Autumn 2

- Physics Paper 2: Waves
- Physics Paper 2: Forces

Spring 2

- Physics Paper 2: Magnets and Electromagnets
- Revision

Year 11 AQA Separate Science

Autumn 1

- Biology Paper 2: Homeostasis
 - Chemistry Paper 2: Organic Chemistry
 - Physics Paper 2: Waves
 - Physics Paper 2: Forces
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Spring 1

- Biology Paper 2: Inheritance
 - Chemistry Paper 2: Chemistry of the Atmosphere
 - Physics Paper 2: Magnets and Electromagnets
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Summer 1

- Revision

Autumn 2

- Biology Paper 2: Homeostasis
 - Biology Paper 2: Inheritance
 - Chemistry Paper 2: Using Resources
 - Physics Paper 2: Forces
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Spring 2

- Biology Paper 2: Inheritance
- Biology Paper 2: Ecology
- Chemistry Paper 2: Chemical Analysis
- Physics Paper 2: Space