



13+ Syllabus Summary for Science

BIOLOGY

Cells and cell functions

Humans as organisms

- Nutrition
- Movement
- Reproduction
- Breathing
- Respiration
- Health

Green plants as organisms

- Nutrition and growth
- Respiration

Variation, classification and inheritance

- Variation
- Classification
- Inheritance

Living things in their environment

- Adaptation and competition
- Feeding relationships

CHEMISTRY

Classifying materials

- Solids, liquids and gases
- Elements, compounds and mixtures

Changing materials

- Physical changes
- Chemical reactions

Patterns of behaviour

- Metals
- Acids and bases

PHYSICS

Electricity and magnetism

- Circuits
- Magnetic fields
- Electromagnets

Forces, motion and density

- Force and linear motion
- Force and rotation
- Force and pressure
- Density

Light and sound

- The behaviour of light
- Hearing
- Vibration and sound

The Earth and beyond

- The solar system
- Artificial satellites

Energy resources and energy transfer

- Energy resources
- Conservation of energy