

GCSE Combined Science: Synergy overview

Teaching strand 1

Teaching strand 2

Building blocks

- States of matter
- Atomic structure
- Cells in animals and plants
- Waves

Unit 1



Unit 5



Building blocks for understanding

- The periodic table
- Chemical quantities

Interactions over small and large distances

- Forces and energy changes
- Structure and bonding
- Magnetism and electromagnetism

Unit 6



Unit 2



Transport over larger distances

- Systems in the human body
- Plants and photosynthesis

Interactions with the environment

- Lifestyle and health
- Radiation and risk
- Preventing, treating and curing diseases

Unit 3



Unit 7



Movement and interactions

- Forces and motion
- Electricity
- Acids and alkalis
- The rate and extent of chemical change
- Atoms into ions and ions into atoms

Guiding spaceship Earth to a sustainable future

- Carbon chemistry
- Resources of materials and energy

Unit 8



Unit 4



Explaining change

- The Earth's atmosphere
- Ecosystems and biodiversity
- Inheritance
- Variation and evolution

Papers
1 and 2

Papers
3 and 4

Final exam