


# GCSE Combined Science: Synergy overview

## Teaching strand 1

### Building blocks

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

Unit 1



### Interactions over small and large distances

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

Unit 6



### Interactions with the environment

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

Unit 3



### Guiding spaceship Earth to a sustainable future

- Carbon chemistry
- Resources of materials and energy

Unit 8




## Teaching strand 2

### Building blocks for understanding

- The periodic table
- Chemical quantities

Unit 5



### Transport over larger distances

- Systems in the human body
- Plants and photosynthesis


Unit 2



### Movement and interactions

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

Unit 7



### Explaining change

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

Unit 4



Papers 1 and 2

Papers 3 and 4

Final exam