

Autumn term/ Spring term 1
Component 6
Physics: Electricity, magnetism, and waves

- Electrical current
- Domestic electricity
- Magnetism and electromagnetism
- Different types of waves
- Electromagnetic waves


Component 4
Chemistry: Chemistry in our world

- Reactions of acids
- Energy and rate of reaction
- Fuels and the atmosphere
- Water for drinking


Spring term 2/ Summer term
Component 2
Biology: Environment, evolution, and inheritance

- Feeding relationships
- Organisms and the environment
- How life developed on Earth

Vocational Options



Orchard Science Year 5
Alternative Student
Pathways
ELC Single Award/
ELC Double Award
Vocational options

Orchard Science Year 4
Alternative Student
Pathways
ELC Single Award
Vocational options

Spring term 2 / Summer term

Component 5
Physics: Energy, forces, and the structure of matter

- Energy
- Forces and work
- Speed and stopping distance
- Atoms and nuclear radiation

Vocational options

Autumn Term/ Spring term 1
Component 1
Biology: The Human Body

- What is the body made of?
- How the body works
- How the body fights disease
- How the body is coordinated

Component 3
Chemistry: Elements, mixtures, and compounds

- Atoms, elements, and compounds
- Mixtures and compounds
- Metals and alloys

