

Science summer exam content 2018

Year 7 science

Cells, Body systems, Reproduction.

Particles, Elements, atoms and compounds, Reactions, Acids and alkalis.

Forces, Sound, Light, Space.

Year 8 science

Health and lifestyle, Ecosystems, Adaptation and inheritance.

The periodic table, Separation techniques, Metals and acids, The Earth.

Electricity and magnetism, Energy, Motion and pressure.

Year 9 Biology

Cells, Microscopes, Digestion, Enzymes, The heart.

Year 9 Chemistry

The atmosphere, Global warming, Combustion, Purity and formulation, Chromatography, Testing for gases, Renewable and finite resources, Water, recycling.

Year 9 Physics

Waves, Forces, Weight and terminal velocity, Hooke's Law, Circuits, Current and Ohm's law, Resistance.

Year 10 Biology

GCSE paper 1 material: Cells, Organisation, Infection and response, Bioenergetics.

Year 10 Chemistry

GCSE paper 1 material: Atomic structure and the periodic table, bonding, structure and the properties of matter, Quantitative chemistry, Chemical changes, Energy changes.

Year 10 Physics

GCSE paper 1 material: Energy, Electricity, Particle model of matter, Atomic structure.