



Preparing for Science GCSE

Welcome to your GCSE Science taster document.

In GCSE Science you will study biology, chemistry and physics units, on which you will be tested at the end of year 11.

The exam board is AQA and the two courses we offer are combined trilogy and single sciences.

All key concepts and practical skills have been introduced at Key stage 3 and Key stage 4 is to revisit, build confidence and gain a deeper understanding.

In **Biology** the main topics covered are: cells, human and plant systems, infection and response, photosynthesis, respiration, homeostasis, inheritance and ecology.

In **Chemistry** the main topics covered are: atomic structure and the periodic table, chemical reactions, maths in chemistry, rate and extent of chemical reactions, organic chemistry, chemistry of the atmosphere and earth's resources.

In **Physics** the main topics covered are: Energy, electricity, molecules and matter, radioactivity, forces, waves, electromagnetism and space.

Below are links to give you a taste of each course.

BBC Bitesize link for AQA combined trilogy will take you to playlists, podcasts and quizzes..

<https://www.bbc.co.uk/bitesize/examspecs/z8r997h>

BBC Bitesize link for AQA Single Sciences will take you to playlists, podcasts and quizzes.

Single Biology <https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7>

Single Chemistry <https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb>

Single Physics <https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>



Be the Best Version of You