

KS4 Chemistry at SGTG

In KS4 Chemistry we aim to give our students a good understanding of all the concepts that underpin the GCSE AQA course (the AQA Trilogy Course for those sitting the combined GCSE, and the stand-alone AQA Chemistry GCSE for those in the top sets sitting separate GCSEs in each of the three disciplines), as well as ample opportunities to extend and develop this understanding through mirroring exam technique and questions. We feel that the best way to support development of this understanding is through experiments, and we ensure that we cover all of the required practicals specified by AQA.

Obviously we do all this through a highly supportive and structured scheme of work that seeks not only to deliver the content in a way that is equally accessible to all our students but to also engender a real sense of fun and excitement in all that they do.

KS4 Chemistry Course Content

Year 10 Units

Atomic Structure and the Periodic Table
Bonding, structure and the properties of matter
Quantitative Chemistry
Chemical Changes
Energy Changes

Year 11 Units

The Rate and extent of Chemical Change
Organic Chemistry
Chemistry of the Atmosphere
Using Resources