

Chemistry Year 9

Autumn 1 (September – October)	Chemical reactions This topic includes lots of practical opportunities and so supports the development of practical skills in a lab. It builds on many areas of study from middle school including the pH scale, the test for hydrogen, word equations and provides opportunity to build on prior learning throughout.
Autumn 2 (October – December) to Spring 1 (January – February)	Energy in chemical reactions This topic starts GCSE content and builds on KS3 understanding. It includes particle theory, changes of state and energy changes in reactions including bond energy calculations.
Spring 2 (February – March) to Summer 1 (April – June)	Atomic structure and the periodic table This topic covers the foundation knowledge that underpins the rest of GCSE science. Follows recap of the idea of particles in previous topic.