

Year 9	
<b>Autumn 1</b> <b>(September – October)</b> to <b>Autumn 2</b> <b>(October – December)</b>	<b>Chemical reactions</b>  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.
<b>Spring 1</b> <b>(January – February)</b> to <b>Spring 2</b> <b>(February – March)</b>	<b>Metals and reactivity</b>  This topic introduces key concepts in chemistry such as conservation of mass in chemical reactions and the relative reactivity of elements. It builds on topic 1 with further opportunity for word and symbol equations.
<b>Summer 1</b> <b>(April – June) to</b> <b>Summer 2</b> <b>(June – July)</b>	<b>Energy in chemical reactions</b>  This lesson links with the first key stage 4 Chemistry topic as it covers particle theory and energy changes in reactions. This content underpins the key stage 4 topic of changes of state and energy in reactions.