Course Title: AQA Chemistry A Level	
Entry requirements: GCSE Grade 6 in Chemistry GCSE Grade 6-6 in Combined Science	**Assessment:** Exams – three 2 hour exams Practical endorsement – 12 practical's

Brief outline of the course	The A Level Chemistry course is divided into Inorganic, Organic, and Physical Chemistry, each with required practicals to build hands-on and analytical skills. Paper 1: Physical and Inorganic Chemistry + practical skills Paper 2: Physical and Organic Chemistry + practical questions Paper 3: Covers all strands, focusing on practical techniques, data analysis, and critical thinking. This structure gives students a well-rounded understanding of chemistry and prepares them for further study or scientific careers.
Highlights	• Inorganic Chemistry – Covers elements of the periodic table, trends, transition metals, and group chemistry. • Organic Chemistry – Focuses on carbon-based compounds, reaction mechanisms, functional groups, and synthesis. • Physical Chemistry – Explores the principles behind chemical reactions, including kinetics, thermodynamics, equilibria, and atomic structure.
Essential qualities/skills needed for the course	To succeed in A Level Chemistry, students need strong mathematics and science skills, particularly in calculations and understanding key chemical concepts. They must think analytically, work accurately in labs, and manage their time well. Key personal qualities include curiosity, resilience, attention to detail, and clear communication. A solid GCSE foundation and good memory are also essential for handling the subject's challenging content.
How to gain a top grade on this course	• Understand concepts, not just facts. • Use active recall and spaced repetition to revise. • Ask for help when needed—don't fall behind. • Practice past papers and learn mark scheme language. • Practice exam technique and time management. • Review mistakes and learn from them. • Master practical skills and required experiments.
Potential career links	• Chemistry is a versatile and respected subject, opening doors across science, medicine, engineering, and beyond. • Some examples include pharmacologist, toxicologist, cosmetic chemist, renewable energy specialist and materials scientist.