

## CHEMISTRY

Exam board	OCR
Entry requirements	Double Award Science GCSE : BB <b>or</b> Chemistry GCSE: B English Language GCSE: C, Mathematics GCSE: B
Units of study and topics covered	<ul style="list-style-type: none"> <li>• Module 1 – Development of practical skills in chemistry</li> <li>• Module 2 – Foundations in chemistry</li> <li>• Module 3 – Periodic table and energy</li> <li>• Module 4 – Core organic chemistry</li> <li>• Module 5 – Physical chemistry and transition elements</li> <li>• Module 6 – Organic chemistry and analysis</li> </ul>
Forms of assessment used	<p>There are three written exams and a practical endorsement:</p> <ul style="list-style-type: none"> <li>• <b>Periodic table, elements and physical chemistry</b> (<i>modules 1,2,3 and 5</i>) 2 hour 15 minutes written paper (100 marks)</li> <li>• <b>Synthesis and analytical techniques</b> (<i>modules 1,2,4 and 6</i>) 2 hour 15 minutes written paper (100 marks)</li> <li>• <b>Unified chemistry</b> (<i>all modules</i>) 1 hour 30 minutes written paper (70 marks)</li> <li>• <b>Practical endorsement in chemistry*</b> (non exam assessment)</li> </ul> <p><small>*details to be confirmed by Ofqual</small></p>
Key skills for success	A high level of numeracy is required to be able to use chemical equations proficiently. Students also need to be confidently in applying chemical knowledge and they must be able to study independently.
Expectations	Students need to be interested in Chemistry and would be well aware of current developments in chemical studies. They are well organised and able to independently study and understand lesson materials in advance of their timetabled periods.
Good subject combinations	Chemistry combines well with: Biology, Physics and Mathematics. Sport studies, History and Geography can also be complimentary.
Potential pathways post sixth form:	Previous student destinations include: Medicine, Dentistry, Nursing, Midwifery, Physiotherapy, Biomedical Science, Paramedic Science, Sport and Exercise Science, Biochemistry, Chemical Engineering and Chemistry.
Where students can find out more	Subject Leader: Dr J Turner Teachers: Mr Z Sayeed, Mr K Fryatt, Miss E Grimwood, Mrs R Hay