Chemistry Handbook 2017

**COURSE OUTLINE**

Awarding body: OCR Chemistry A (H432)

**Year 1 : Year 1 Units**

**Module 1 – Development of practical skills in chemistry**

**Module 2 – Foundations in chemistry**

**Module 3 – Periodic table and energy**

**Module 4 – Core organic chemistry**

**Year 2 : Year 2 Units**

**Module 5 – Physical chemistry and transition elements**

**Module 6 – Organic chemistry and analysis**

**Assessment Overview**

**Year 1**

**Internal Examination - January -** 75 marks, 1 hour Multiple choice and written paper

**Internal Examination - May - 70** marks, 1 hour 30 minutes written paper

Year 2

**Internal Examination - January – Organic Chemistry** 100 marks, 2 hour Multiple choice and written paper

**Internal Examination - May - Inorganic/Physical Chemistry** 100 marks, 2 hour Multiple choice/written paper

**Please Note: Progression to Year 2 depends upon successful examination outcomes from Year 1**

**A Level**

**Periodic table, elements and physical chemistry-(01)**, 100 marks, 2 hours 15 minutes, written paper (37%)

**Synthesis and analytical techniques (02)**

100 marks 2 hours 15 minutes written paper(37%) **Unified chemistry (03),** 70 marks, 1 hour 30 minutes, written paper (26%)

**Practical endorsement in chemistry (04)** There are 12 compulsory PAG assessments activities that must be completed to demonstrate that Beechen Cliff Chemists have undertaken and recorded independent evidence of their practical activities and have consistently and routinely exhibited the competencies required. Additional practical activities may be taken into account if all are not completed in full.

**Text Books**

**Early Purchase of a text book is essential for a prompt start to the course**

**A Level Chemistry A for OCR Year 1 Student Book : Rob Ritchie & Dave Gent: Oxford**

**ISBN: 9780198351962**

**A Level Chemistry A for OCR Year 2 Student Book : Rob Ritchie & Dave Gent: Oxford**

**ISBN: 9780198357650**

**A Level Chemistry a for OCR Student Book : Years 1 and 2 – Combined : Rob Ritchie & Dave Gent: Oxford**

**ISBN: 9780198351979**

**REVISION GUIDE - A Level Chemistry A for OCR: Rob Ritchie & Emma Poole: Oxford**

**ISBN: 9780198351993**

**Additionally this transition guide may be of help to you**

**New Head Start to A-level Chemistry: CGP : CBR71: ISBN: 978 1 78294 280 1**

**For help with those tricky calculations this publication may be of assistance**

**Calculations in AS/A Level Chemistry (Paperback)** **Pearson Education Limited:**

**Jim Clark : ISBN: 9780582411272**