



# Chemistry

**Year: 10/11**

## Course Content

OCR Gateway Chemistry involves the in depth study of important aspects of chemistry. Students study 6 chemistry modules along with carrying out practical activities. There is no coursework and all assessments take place at the end of Year 11 when 2 exam papers of 1hr45min duration are sat, these marks are combined to give students a GCSE Chemistry grade.

### Skills developed

- Practical investigation Skills including planning, obtaining evidence, analysis and evaluation skills
- Data handling and relevant mathematical skills for processing data
- Application of scientific concepts to new situations and explaining phenomena using abstract ideas
- Deeper understanding of topics and acquisition of key chemistry knowledge to act as a foundation for future learning at A level

### Topics covered

- C1—Particle
- C2—Elements, Compounds and mixtures
- C3—Chemical Reactions
- C4—Predicting and identifying chemical reactions and products
- C5—Monitoring and controlling chemical reactions
- C6—Global challenges
- Practical skills for Science investigations

For more information

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