

Subject:	GCSE CHEMISTRY
Examination Board:	OCR
Syllabus:	Gateway Chemistry A (9-1) – J248

Topics covered

Year 11 (third year of 3 year course):

C5: Monitoring and controlling chemical reactions – Monitoring chemical reactions, Controlling reactions and Equilibria

C6: Global Challenges – Improving processes and products, Organic chemistry and Interpreting and interacting with Earth Systems.

Skills Developed

- Scientific knowledge and conceptual understanding of chemistry
- Application of scientific enquiry to understand nature, processes and methods of science
- Observational, practical, modelling, enquiry and problem solving skills
- Ability to evaluate claims based on science critically, both qualitatively and quantitatively

Support Material

- OCR Gateway GCSE Chemistry Student Book by Nigel Saunders et al
- Collins GCSE Science - OCR Gateway GCSE (9-1) Chemistry: Student Book
- CGP Revision Guides and Workbooks have proved useful
- BBC website
- Other web-based resources will be recommended when appropriate
- www.rsc.org Royal Society of Chemistry website

What you could do to support your daughter

- Encourage awareness of science in the wider world through discussion and the use of a range of media
- Ensure that your daughter can successfully carry out practical activities which develop her manipulative skills, such as cooking. Such skills are essential to answer practical based questions
- Encourage effective revision, especially where significant factual knowledge is required