

New A Level Chemistry B (Salters)

H035 and H435 replacing 3887 and 7887

Information for OCR centres transferring to **new specifications for first teaching in September 2008**

This document maps the current A Level Chemistry (Salters) specification to the new specification for first teaching in September 2008. It includes information on the changes, support available and an outline of the new specification. It is intended to help ease the transition for Heads of Department and Teachers involved in the teaching of Chemistry (Salters).

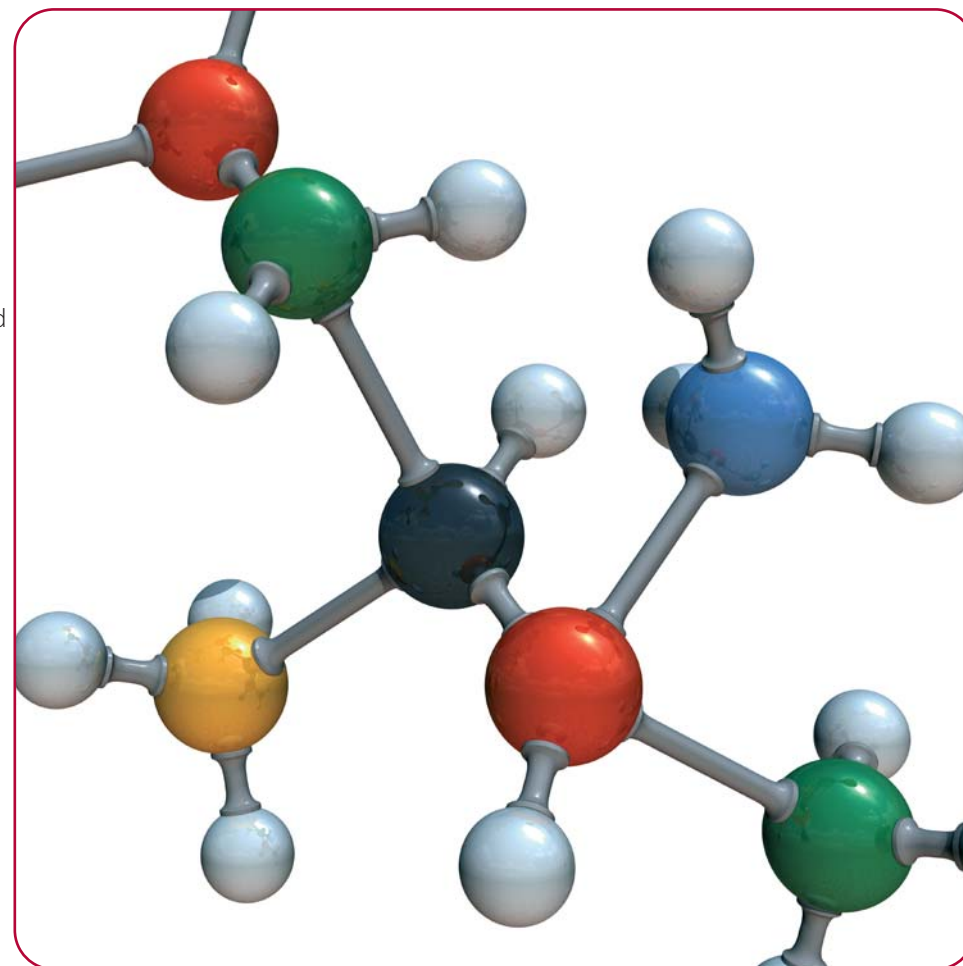
The full specification is available online along with a short questionnaire enabling you to share your comments on the specification and help shape the materials developed to support it. For more information including answers to frequently asked questions visit www.ocr.org.uk/14-19alevels

Current specification – mapping the changes page 2

Outline specification for first teaching September 2008 page 3

QCA have stipulated that:

- Number of units required to achieve GCE in Chemistry (Salters) remains at six
- Coursework is retained as controlled assessment
- Stretch and Challenge style questions to be introduced into A2 assessment.



Existing specification					
Current unit title	Unit code	What remains the same?	What is changing?	Why is it changing?	Guidance
AS Chemistry for Life (The Elements of Life and Developing Fuels)	2850 Mandatory 30% (AS) 15% (A Level) 1hr 15min written exam	<ul style="list-style-type: none"> Similar style questions. 	<ul style="list-style-type: none"> Reduction in size of content. Story lines updated. Updated content. New unit code F331. 	<ul style="list-style-type: none"> Allows centres maximum opportunity to enter candidates in January. 	
AS Chemistry of Natural Resources (From Minerals to Elements, The Atmosphere and The Polymer Revolution)	2848 Mandatory 40% (AS) 20% (A Level) 1hr 30mins written exam	<ul style="list-style-type: none"> Similar style questions. 	<ul style="list-style-type: none"> Will include questions on advance notice passage. New unit code F332. 	<ul style="list-style-type: none"> To test many of the skills previously tested by the Open Book paper. 	
AS Skills for Chemistry 01 Open-book paper	2852 Mandatory 15% (AS) 7.5% (A Level) Coursework	<ul style="list-style-type: none"> Being discontinued. 	<ul style="list-style-type: none"> Being discontinued. New unit code F332. 	<ul style="list-style-type: none"> It does not fit the QCA requirements. 	
AS 02 Experimental Skills	Mandatory 15% (AS) 7.5% (A Level) Coursework		<ul style="list-style-type: none"> Several changes. New unit code F333. 	<ul style="list-style-type: none"> To make it much simpler for candidates and teachers and to enable it to be done under controlled conditions. 	
A2 Chemistry of Materials (What's in a Medicine?, Designer Polymers, Engineering Proteins and The Steel Story)	2849 Mandatory 15% (A Level) 1hr 30mins written exam	<ul style="list-style-type: none"> Similar style questions. 	<ul style="list-style-type: none"> New unit code F334. 		
A2 Chemistry by Design (Aspects of Agriculture, Colour by Design, The Oceans, Medicines by Design and Visiting the Chemical Industry)	2854 Mandatory 15% (A Level) 2hr written exam	<ul style="list-style-type: none"> Similar style questions. 	<ul style="list-style-type: none"> New unit code F335. 		
A2 Individual Investigation (Salters Chemistry)	2855 Mandatory 15% (A Level) Coursework		<ul style="list-style-type: none"> New criteria New unit code F336. 	<ul style="list-style-type: none"> Enabling quicker marking and a wider range of Investigation topics to be chosen. 	

New A Level Chemistry (Salters) specification for first teaching September 2008

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For AS GCE all three units are mandatory. For Advanced GCE all six units are mandatory.

	New unit title	New unit code	Benefits to me and my learners	Support
AS	Chemistry for Life	F331 Mandatory 30% (AS) 15% (A Level) 1hr 15min written exam	<ul style="list-style-type: none"> Allows centres maximum opportunity to enter candidates in January. 	<ul style="list-style-type: none"> Comprehensive resources from Heinemann. INSET programme. Schemes of Work for guidance. Sample Assessment Materials.
AS	Chemistry of Natural Resources	F332 Mandatory 50% (AS) 25% (A Level) 1hr 45min written exam	<ul style="list-style-type: none"> One question on an 'Advance Notice' article, downloaded from secure OCR website. 	
AS	Chemistry in Practice	F333 Mandatory 20% (AS) 10% (A Level) Internal assessment	<ul style="list-style-type: none"> Internal assessment of five practical based skills, set by OCR and carried out under controlled conditions. Specific mark schemes provided by OCR. 	
A2	Chemistry of Natural Products	F334 Mandatory 15% (A Level) 1hr 30 mins written exam	<ul style="list-style-type: none"> Longer time allowed for context based reading. Allows centres maximum opportunity to enter candidates in January. Stretch and Challenge question types included. 	
A2	Chemistry by Design	F335 Mandatory 20% (A Level) 2hr written exam	<ul style="list-style-type: none"> Longer time allowed for context based reading. Stretch and Challenge question types included. 	
A2	Chemistry Individual Investigation	F336 Mandatory 15% (A Level) Internal assessment	<ul style="list-style-type: none"> Candidates assessed in eight skill areas to new criteria that are easier to apply and allow for a wide range of investigation types. Generic mark schemes provided by OCR. 	

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