

YOUR STEP- BY-STEP GUIDE TO SWITCHING TO EDUQAS

A LEVEL CHEMISTRY



MAKE THE SWITCH TO A BOARD THAT WILL SUPPORT YOU

Switching to Eduqas could be the best move you make.

Whether you're with AQA, OCR or Pearson (Edexcel), you can rest assured that switching to Eduqas is straightforward. Simply follow this guide, compare our specifications, and make the switch!

MAKING THE SWITCH

Switching to Eduqas is simple, just follow these quick and easy steps:

1. Follow our switcher guide for your subject.
2. Register your interest at www.eduqas.co.uk/switch and receive a printed copy of your chosen specification(s).
3. Visit your qualification page at www.eduqas.co.uk/qualification, to access the materials you need to begin teaching our specifications.
4. Visit our Digital Resources Website (resources.eduqas.co.uk), for free resources that can be used as classroom aids and as revision tools.
5. Contact our subject specialists for subject specific queries, practical advice and guidance.
6. Your Exams Officer will need to register your centre, if your centre is not already registered with us.
7. Once registered, your Exams Officer will be able to provide you with access to our Secure Website (www.wjecs-services.co.uk), which hosts a wealth of resources that are not available elsewhere.

WE'RE HERE TO SUPPORT YOU

If you have a question, simply contact our Chemistry team who will offer friendly advice and guidance:



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A LEVEL CHEMISTRY WITH EDUQAS

WHY CHOOSE US?

- Core Ideas, Principles and Concepts sections establishing a good foundation of chemistry knowledge
- Strong emphasis on practical work
- Detailed methods and support for each of the specified practicals including a free Lab book to download
- Excellent support for the assessment of the Practical Endorsement aspect of the qualification
- Direct access to our subject specialist for support and guidance when delivering this qualification
- Comprehensive Teacher handbook
- Access to a wide range of free digital resources

SUMMARY OF ASSESSMENT

Component 1: Physical and Inorganic Chemistry (120 marks)

Written examination: **2 hours 30 minutes**

40% of qualification

Section A: short answer questions – 15 marks

Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks

Questions based on the knowledge and understanding outlined in the **Physical and Inorganic Chemistry** and **Core Ideas, Principles and Concepts** sections.

Component 2: Organic Chemistry and Analysis (120 marks)

Written examination: **2 hours 30 minutes**

40% of qualification

Section A: short answer questions – 15 marks

Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks

Questions based on the knowledge and understanding outlined in the **Organic Chemistry and Analysis** and **Core Ideas, Principles and Concepts** sections

Component 3: Chemistry in Practice (60 marks)

Written examination: **1 hour 15 minutes**

20% of qualification

Structured and extended answer questions with an emphasis on practical contexts and applications.

Questions based on content from **Core Ideas, Principles and Concepts; Physical and Inorganic Chemistry** and **Organic Chemistry and Analysis** sections.

PRACTICAL ENDORSEMENT

Assessment of practical competency

Reported separately and not contributing to final grade on practical contexts and applications.

HELPING YOU MAKE THE SWITCH - COMPARING SPECIFICATIONS

SWITCHING FROM AQA CHEMISTRY A LEVEL

Eduqas Chemistry A level	AQA Chemistry A level
<p>Component 1: Physical and Inorganic Chemistry 40 % of A level Written examination: 2 hours 30 mins (120 marks)</p> <ul style="list-style-type: none"> • Electrochemistry • More complex patterns of the Periodic Table • Chemical kinetics • Energy changes • Equilibria <p>Section A: short answer questions – 15 marks Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections.</p>	<p>Paper 1: 35% of A level Written paper: 2 hours (105 marks)</p> <ul style="list-style-type: none"> • Relevant Physical chemistry topics (sections 3.1.1 to 3.1.4, 3.1.6 to 3.1.8 and 3.1.10 to 3.1.12) • Inorganic chemistry (Section 3.2) • Relevant practical skills <p>105 marks of short and long answer questions.</p>
<p>Component 2: Organic Chemistry and Analysis 40% of A level Written examination: 2 hours 30 mins (120 marks)</p> <ul style="list-style-type: none"> • Higher concepts in organic chemistry • Organic compounds containing oxygen • Organic compounds containing nitrogen • Organic synthesis and analysis <p>Section A: short answer questions – 15 marks Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections</p>	<p>Paper 2: 35% of A level Written paper: 2 hours (105 marks)</p> <ul style="list-style-type: none"> • Relevant Physical chemistry topics (sections 3.1.2 to 3.1.6 and 3.1.9) • Organic chemistry (Section 3.3) • Relevant practical skills <p>105 marks of short and long answer questions.</p>
<p>Component 3: Chemistry in Practice 20% of A level Written examination: 1 hour 15 minutes (60 marks)</p> <p>Structured and extended answer questions with an emphasis on practical contexts and applications. Questions based on content from Core Ideas, Principles and Concepts; Physical and Inorganic Chemistry and Organic Chemistry and Analysis.</p>	<p>Paper 3 30% of A level Written paper: 2 hours (90 marks)</p> <ul style="list-style-type: none"> • Any content • Any practical skills <p>40 marks of questions on practical techniques and data analysis. 20 marks of questions testing across the specification. 30 marks of multiple choice questions</p>

SWITCHING FROM OCR CHEMISTRY A

Eduqas Chemistry A level	OCR Chemistry A
<p>Component 1: Physical and Inorganic Chemistry 40% of A level Written examination: 2 hours 30 mins (120 marks)</p>	<p>A Level Paper 1: Periodic table, elements and physical chemistry Modules 1, 2, 3 & 5 100 marks, 37% of A Level Written paper: 2 hours 15 mins</p>
<ul style="list-style-type: none"> • Electrochemistry • More complex patterns of the Periodic Table • Chemical kinetics • Energy changes • Equilibria <p>Section A: short answer questions – 15 marks</p> <p>Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks</p> <p>Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections</p>	<p>Section A: multiple choice questions, 15 marks.</p> <p>Section B: short answer question styles (structured questions, problem solving, calculations, practical) and extended response questions, 85 marks</p>
<p>Component 2: Organic Chemistry and Analysis 40% of A level Written examination: 2 hours 30 mins (120 marks)</p>	<p>A Level Paper 2: Synthesis and analytical techniques Modules 1, 2, 4 & 6 100 marks, 37% of A Level Written paper: 2 hours 15 mins</p>
<ul style="list-style-type: none"> • Higher concepts in organic chemistry • Organic compounds containing oxygen • Organic compounds containing nitrogen • Organic synthesis and analysis <p>Section A: short answer questions – 15 marks</p> <p>Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks</p> <p>Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections</p>	<p>Section A: multiple choice questions, 15 marks.</p> <p>Section B: includes short answer question styles (structured questions, problem solving, calculations, practical) and extended response questions, 85 marks</p>
<p>Component 3: Chemistry in Practice 20% of A level Written examination: 1 hour 15 mins (60 marks)</p>	<p>A Level Paper 3: Unified chemistry Modules 1–6 70 marks, 26% of A Level Written paper: 1 hour 30 mins</p>
<p>Structured and extended answer questions with an emphasis on practical contexts and applications.</p> <p>Questions based on content from Core Ideas, Principles and Concepts; Physical and Inorganic Chemistry and Organic Chemistry and Analysis.</p>	<p>Includes short answer (structured questions, problem solving, calculations, practical) and extended response questions.</p>

SWITCHING FROM OCR CHEMISTRY B (SALTERS)

Eduqas Chemistry A level	OCR Chemistry B (SALTERS)
<p>Component 1: Physical and Inorganic Chemistry 40% of A level Written examination: 2 hours 30 mins (120 marks)</p>	<p>Paper 1: Fundamentals of Chemistry 41% of A level Written paper: 2 hours 15 minutes (110 marks)</p>
<ul style="list-style-type: none"> • Electrochemistry • More complex patterns of the Periodic Table • Chemical kinetics • Energy changes • Equilibria <p>Section A: short answer questions – 15 marks Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks</p> <p>Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections</p>	<p>All topics assessed in all three papers Section A: multiple choice (30 marks) Section B: short structured questions, extended questions problem solving, calculations, practical and theory (80 marks)</p>
<p>Component 2: Organic Chemistry and Analysis 40% of A level Written examination: 2 hours 30 mins (120 marks)</p>	<p>Paper 2: Scientific literacy in Chemistry 37% of A level Written paper: 2 hours 15 mins (100 marks)</p>
<ul style="list-style-type: none"> • Higher concepts in organic chemistry • Organic compounds containing oxygen • Organic compounds containing nitrogen • Organic synthesis and analysis <p>Section A: short answer questions – 15 marks Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks</p> <p>Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections</p>	<p>All topics assessed in all three papers</p> <p>Short structured questions, extended questions problem solving, calculations, practical and theory. A section of the paper (20-25 marks) will include questions based on a pre-release article.</p>
<p>Component 3: Chemistry in Practice 20% of A level Written examination: 1 hour 15 minutes (60 marks)</p>	<p>Paper 3: Practical skills in Chemistry 22% of A level Written paper: 1 hour 30 minutes (60 marks)</p>
<p>Structured and extended answer questions with an emphasis on practical contexts and applications. Questions based on content from Core Ideas, Principles and Concepts; Physical and Inorganic Chemistry and Organic Chemistry and Analysis.</p>	<p>All topics assessed in all three papers Short structured questions, extended questions problem solving, calculations, practical and theory</p>

SWITCHING FROM PEARSON CHEMISTRY A LEVEL

Eduqas Chemistry A level	PEARSON Chemistry A levels
<p>Component 1: Physical and Inorganic Chemistry 40% of A level Written examination: 2 hours 30 mins (120 marks)</p>	<p>Paper 1: Advanced Inorganic and Physical Chemistry 30% of A level Written paper: 1 hour 45 mins (90 marks)</p>
<ul style="list-style-type: none"> • Electrochemistry • More complex patterns of the Periodic Table • Chemical kinetics • Energy changes • Equilibria <p>Section A: short answer questions – 15 marks Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks</p> <p>Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections</p>	<p>This paper will examine the following topics.</p> <ul style="list-style-type: none"> • Topic 1: Atomic Structure and the Periodic Table • Topic 2: Bonding and Structure • Topic 3: Redox I • Topic 4: Inorganic Chemistry and the Periodic Table • Topic 5: Formulae, Equations and Amounts of Substance • Topic 8: Energetics I • Topic 10: Equilibrium I • Topic 11: Equilibrium II • Topic 12: Acid-base Equilibria • Topic 13: Energetics II • Topic 14: Redox II • Topic 15: Transition Metals <p>The paper may include multiple-choice, short open, open-response, calculations and extended writing questions.</p> <p>The paper will include questions that target mathematics at Level 2 or above (see Appendix 6: Mathematical skills and exemplifications). Overall, a minimum of 20% of the marks across the three papers will be awarded for mathematics at Level 2 or above.</p>
<p>Component 2: Organic Chemistry and Analysis 40% of A level Written examination: 2 hours 30 mins (120 marks)</p>	<p>Paper 2: Advanced Organic and Physical Chemistry 30% of A level Written paper: 1 hour 45 mins (90 marks)</p>
<ul style="list-style-type: none"> • Higher concepts in organic chemistry • Organic compounds containing oxygen • Organic compounds containing nitrogen • Organic synthesis and analysis <p>Section A: short answer questions – 15 marks Section B: structured and extended answer questions set in a range of theoretical, practical and other contexts – 105 marks</p> <p>Questions based on the knowledge and understanding outlined in the Organic Chemistry and Analysis and Core Ideas, Principles and Concepts sections</p>	<p>This paper will examine the following topics.</p> <ul style="list-style-type: none"> • Topic 2: Bonding and Structure • Topic 3: Redox I • Topic 5: Formulae, Equations and Amounts of Substance • Topic 6: Organic Chemistry I • Topic 7: Modern Analytical Techniques I • Topic 9: Kinetics I • Topic 16: Kinetics II • Topic 17: Organic Chemistry II • Topic 18: Organic Chemistry III • Topic 19: Modern Analytical Techniques II <p>The paper may include multiple-choice, short open, open-response, calculations and extended writing questions.</p> <p>The paper will include questions that target mathematics at Level 2 or above (see Appendix 6: Mathematical skills and exemplifications). Overall, a minimum of 20% of the marks across the three papers will be awarded for mathematics at Level 2 or above.</p>

SWITCHING FROM PEARSON CHEMISTRY A LEVEL

Eduqas Chemistry A level	PEARSON Chemistry A levels
<p>Component 3: Chemistry in Practice 20% of A level Written examination: 1 hour 15 mins (60 marks)</p>	<p>Paper 3: General and practical applications in Chemistry 40% of A level Written paper: 2 hours 30 mins (120 marks)</p>
<p>Structured and extended answer questions with an emphasis on practical contexts and applications. Questions based on content from Core Ideas, Principles and Concepts; Physical and Inorganic Chemistry and Organic Chemistry and Analysis.</p>	<ul style="list-style-type: none"> • Questions in this paper may draw on any of the topics in this specification. • The paper will include synoptic questions that may draw on two or more different topics listed. • The paper will include questions that assess conceptual and theoretical understanding of experimental methods (indirect practical skills) that will draw on students' experiences of the core practicals. <p>The paper may include short open, open-response, calculations and extended writing questions.</p> <p>The paper will include questions that target mathematics at Level 2 or above (see Appendix 6: Mathematical skills and exemplifications). Overall, a minimum of 20% of the marks across the three papers will be awarded for mathematics at Level 2 or above.</p> <p>Some questions will assess conceptual and theoretical understanding of experimental methods (see Appendix 5: Working scientifically).</p>

THE SUPPORT YOU NEED

FREE TAILORED CHEMISTRY DIGITAL RESOURCES

We've created a wealth of free digital resources to support our qualifications. They have been developed to enhance learning, stimulate classroom discussion, and encourage student engagement. Access our resources today at resources.eduqas.co.uk

REGIONAL SUPPORT

Our Regional Support Team are also on hand to offer free support in the delivery of our qualifications. They can also give you face-to-face advice on our range of qualifications, online resources, CPD and curriculum developments. To book a visit or to find out more, please visit www.eduqas.co.uk/RegionalSupportTeam



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TEACHERS WHO HAVE MADE THE SWITCH

"We find the Specification straightforward, the science without gimmicks. It is great to have found an exam board whose subject officers and other sources of support are immediately at the end of the telephone, or so quickly responsive by e-mail."

HEAD OF CHEMISTRY,
WATFORD GRAMMAR SCHOOL FOR BOYS



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