

# OCR Achieve Maths



**Monday 16 June 2014 – Morning**

**A2 GCE MATHEMATICS**

4723/01 **Core Mathematics 3** *Model Solutions*

**QUESTION PAPER**

Candidates answer on the Printed Answer Book.

OCR supplied materials:

- Printed Answer Book 4723/01
- List of Formulae (MF1)

Other materials required:

*A +ve Mindset*

Duration: **1 hour 30 minutes**

*You can do it !*

# Ocr June 2013 Mathematics C3 Paper

**Janet Crawshaw, Keith Gordon, Kathryn  
Scott**



## Ocr June 2013 Mathematics C3 Paper:

**Key Maths GCSE**, 2002 These resources offer a range of material for the OCR Specification **Journal of Research of the National Bureau of Standards** United States. National Bureau of Standards, 1971 *Core 3 and 4 for OCR* Douglas Quadling, Hugh Neill, 2005-01-27 Fully endorsed by OCR for use with OCR Mathematics GCE specification

**A-Level Maths for OCR C1** Paul Sanders, 2005 This brand new Advanced Level course has been written specifically to match to the OCR A A Level specification and provides individual board specific textbooks for each module **Maths**, 2021-12

*AS-Level Maths OCR A Complete Revision and Practice* Richard Parsons, CGP Books, 2011-03-01 AS Level Maths OCR A Complete Revision and Practice *Advanced Maths Essentials. Core 3 for OCR* Janet Crawshaw, Keith Gordon, Kathryn Scott, 2005-12-16 This work provides thorough exam preparation with detailed worked examples and practice questions for the mainstream modules of the new AS and A Level courses **My Revision Notes: OCR Level 3 Free Standing**

**Mathematics Qualification: Additional Maths (2nd edition)** Michael Ling, 2019-11-18 Exam Board OCR Level Free Standing Mathematics Qualification Subject Additional Mathematics First Teaching September 2018 First Exam June 2019 Target success in OCR Additional Mathematics with this proven formula for effective structured revision Key content coverage is combined with numerous worked examples and exam style questions to create a revision guide that students can rely on to review strengthen and test their knowledge Develop the key skills needed for success with skills focused questions around problem solving covering the 2018 specification Strategically target revision with diagnostic questions that establish which topics need focus Get assessment ready with exam style questions and advice on common mistakes and how to show the correct workings Reinforce knowledge and identify weaknesses using hundreds of questions supported by answers in the back of the book **Decision 1 for OCR** Janet Crawshaw, Janet Dangerfield, 2005 Focused revision to improve learning for AS and A2 OCR

**A Level Maths for OCR S1** Paul Sanders, 2005-06 Written to match to the OCR A A Level specification this text provides individual board specific textbooks for each module Accessible for all levels of student the series provides pre AS material in module books to support weaker candidates *Mechanics 3 and 4 for OCR* Douglas Quadling, 2001-07-26 Mechanics 3 4 is written specifically for the Mechanics 3 and Mechanics 4 modules of the new OCR Advanced Level

Mathematics specification Mathematical ideas are explained carefully and clearly with many stimulating worked examples There are plenty of exercises throughout along with revision exercises and mock examination papers all written by experienced examiners **Additional Mathematics for Ocr** Val Hanrahan, Roger Porkess, 2004 Teach with confidence

knowing your students will be fully prepared for their exams with this detailed textbook that is closely tailored to the specification and has been endorsed by OCR Endorsed by OCR for use with the OCR Additional Mathematics specification This level 3 qualification in Key Stage 4 enables students to study higher level mathematics without having to embark on their AS modules Accessible and concise written by experienced authors to guide and encourage your higher level students

towards success Includes an introduction to each topic followed by worked examples with commentaries Provides plenty of practice with hundreds of questions Ideal for students considering maths at AS A level accelerating their progress and aiding their future choices Table of Contents 1 Algebra I review 2 Algebra II techniques 3 Algebra III polynomials 4 Algebra IV applications 5 Co ordinate geometry I 6 Co ordinate geometry II applications 7 Trigonometry I 8 Trigonometry II applications 9 Calculus I differentiation 10 Calculus II integration 11 Calculus III applications to kinematics      **Statistics 3 and 4 for OCR** Jane Miller, 2005-01-06 Fully endorsed by OCR and revised to match the 2005 specification this series has been carefully revised by experienced teachers and provides easy to use texts Cambridge Advanced Mathematics for OCR encourages achievement by supporting revision and consolidation through review exercises and mock exam papers written by experienced examiners The books also explore ideas through practical and computer activities      **A Level Further Mathematics for OCR A Pure Core Student Book 1 (AS/Year 1)** Ben Woolley, 2017-08-31 New 2017 Cambridge A Level Maths and Further Maths resources to help students with learning and revision Written for the OCR AS A Level Further Mathematics specification for first teaching from 2017 this print Student Book covers the Pure Core content for AS and the first year of A Level It balances accessible exposition with a wealth of worked examples exercises and opportunities to test and consolidate learning providing a clear and structured pathway for progressing through the course It is underpinned by a strong pedagogical approach with an emphasis on skills development and the synoptic nature of the course Includes answers to aid independent study      **OCR A Level Mathematics Year 1 (AS)** Sophie Goldie, Val Hanrahan, Cath Moore, Susan Whitehouse, Jean-Paul Muscat, 2017-08-25      **OCR Maths** Peter Sherran, Janet Crawshaw, 2010      OCR Year 1/AS Mathematics Exam Practice Jan Dangerfield, Rose Jewell, Sue Pope, Andrew Roberts, Nick Geere, 2018-03-29      OCR Level 3 Free Standing Mathematics Qualification: Additional Maths (2nd edition) Val Hanrahan, Andrew Ginty, 2019-04-15 Exam Board OCR Level Free Standing Mathematics Qualification Subject Additional Mathematics First Teaching September 2018 First Exam Summer 2019 Enhance the skills learnt at GCSE and build the confidence to tackle higher level Mathematics using this comprehensive textbook tailored to the new OCR Additional Mathematics specification 2018 Consolidate GCSE Maths skills and prepare for A level using hundreds of questions designed to bridge the gap between Key Stages 4 and 5 Expand on GCSE knowledge and confidently tackle new concepts with clear introductions to every topic and plenty of worked examples throughout Boost performance in Additional Maths and A level Maths with expert guidance from subject specialists with extensive examining experience Save time planning lessons using our free schemes of work that link to the relevant Integral resources Approach your final assessment with confidence by completing two full practice papers at the end of the book      OCR Additional Mathematics Revision Guide for Advanced Free Standing Mathematics Qualification Michael Ling, 2012-01-01 Essential revision guide matching the OCR specification will help your students refresh their knowledge of tricky concepts with past paper exam questions Detailed worked answers are also included so students can better prepare

for their exam Reinforces and refreshes your original teaching by referencing the endorsed textbook Revision is kept stress free and focused with key information explained in concise terms Written by specialist authors with experience and vast knowledge of the covered topics

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**Section 1 Algebra**

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2 Quadratic equations

3 Simultaneous equations

4 Setting up equations

5 Inequalities

6 Polynomials

7 The binomial expansion

**Section 2 Co ordinate Geometry**

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2 Circles

3 Linear programming

**Section 3 Trigonometry**

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**Section 4 Calculus**

1 Differentiation

2 Tangents and normals

3 Stationary points

4 Integration

5 Definite integrals and area

6 Kinematics

OCR A Level Further Mathematics Year 1 (AS)

Ben Sparks, Claire Baldwin, 2017-11-27

Grow your students confidence in applying mathematical techniques to solving problems with resources developed specifically for the OCR specification subject experts and in conjunction with MEI

Mathematics in Education and Industry

Develop reasoning and problem solving skills with practice questions and differentiated exercises that build mathematical techniques

Help students to overcome misconceptions and develop insight into problem solving with annotated worked examples

Build connections between topics with points of interest and things to notice such as links to real world examples and noticing patterns in the mathematics

Enhance individual understanding with discussion points designed for the classroom

Consolidate understanding with end of chapter summaries of the key points

Provide clear paths of progression that combine pure and applied maths into a coherent whole

## **Ocr June 2013 Mathematics C3 Paper** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Ocr June 2013 Mathematics C3 Paper**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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