



**Friday 17 May 2024 – Morning**

**GCSE (9–1) Combined Science A  
(Gateway Science)**

**J250/09 Chemistry (Higher Tier)**

**Time allowed: 1 hour 10 minutes**

**You must have:**

- a ruler (cm/mm)
- the Data Sheet for GCSE (9–1) Combined Science A (Chemistry) (inside this document)

**You can use:**

- a scientific or graphical calculator
- an HB pencil

**H**



Please write clearly in black ink. Do not write in the barcodes.

Centre number

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Candidate number

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First name(s)

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Last name

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#### INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.

#### INFORMATION

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- This document has **20** pages.

#### ADVICE

- Read each question carefully before you start your answer.

# June 2013 Gateway Science Mark Scheme Ocr

**Chris Sherry**



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## **Table of Contents June 2013 Gateway Science Mark Scheme Ocr**

1. Understanding the eBook June 2013 Gateway Science Mark Scheme Ocr
  - The Rise of Digital Reading June 2013 Gateway Science Mark Scheme Ocr
  - Advantages of eBooks Over Traditional Books
2. Identifying June 2013 Gateway Science Mark Scheme Ocr
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an June 2013 Gateway Science Mark Scheme Ocr
  - User-Friendly Interface
4. Exploring eBook Recommendations from June 2013 Gateway Science Mark Scheme Ocr
  - Personalized Recommendations
  - June 2013 Gateway Science Mark Scheme Ocr User Reviews and Ratings
  - June 2013 Gateway Science Mark Scheme Ocr and Bestseller Lists

5. Accessing June 2013 Gateway Science Mark Scheme Ocr Free and Paid eBooks
  - June 2013 Gateway Science Mark Scheme Ocr Public Domain eBooks
  - June 2013 Gateway Science Mark Scheme Ocr eBook Subscription Services
  - June 2013 Gateway Science Mark Scheme Ocr Budget-Friendly Options
6. Navigating June 2013 Gateway Science Mark Scheme Ocr eBook Formats
  - ePub, PDF, MOBI, and More
  - June 2013 Gateway Science Mark Scheme Ocr Compatibility with Devices
  - June 2013 Gateway Science Mark Scheme Ocr Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of June 2013 Gateway Science Mark Scheme Ocr
  - Highlighting and Note-Taking June 2013 Gateway Science Mark Scheme Ocr
  - Interactive Elements June 2013 Gateway Science Mark Scheme Ocr
8. Staying Engaged with June 2013 Gateway Science Mark Scheme Ocr
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers June 2013 Gateway Science Mark Scheme Ocr
9. Balancing eBooks and Physical Books June 2013 Gateway Science Mark Scheme Ocr
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection June 2013 Gateway Science Mark Scheme Ocr
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine June 2013 Gateway Science Mark Scheme Ocr
  - Setting Reading Goals June 2013 Gateway Science Mark Scheme Ocr
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of June 2013 Gateway Science Mark Scheme Ocr
  - Fact-Checking eBook Content of June 2013 Gateway Science Mark Scheme Ocr
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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