RESILIENCE · RESPECT · INTEGRITY · COMMUNITY
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Tel: 01277 500990
Email: communications@theongaracademy.org
Website: www.theongaracademy.org
Headteacher: Mr. J. Sands
Deputy Headteacher: Ms. R. Gilbert

Year 11 Mocks

Dear Parent/Carer,

The Year 11 Mocks begin on Monday 18th November 2024, with the first Science exam taking place on Monday 25th November 2024 for all other students. This will include three separate examinations across Science.

Please see the table below for the key information.

Subject	Date	Exam Details	Key Topics
Biology	26/11/24	1 hour 15 – combined 1 hour 45 – triple	Topic 1 – Cell Biology Topic 2 – Organisation Topic 3 – Infection and Response Topic 4 – Bioenergetics
Chemistry	29/11/24	1 hour 15 – combined 1 hour 45 – triple	Topic 1 – Atomic Structure and the Periodic Table Topic 2 – Bonding and Structure Topic 3 – Quantitative Chemistry Topic 4 – Chemical Changes Topic 5 – Energy Changes
Physics	04/12/24	1 hour 15 – combined 1 hour 45 - triple	Topic 1 – Energy Topic 2 – Electricity Topic 3 – Particle Model of Matter Topic 4 – Atomic Structure

For each exam, students will require two pens, a pencil, an eraser, a ruler and a calculator. Items such as periodic tables (Chemistry) and equation sheets (Physics) will be provided with the papers.

Whilst it is possible for any of the above content to be examined, not all of it will be. Year 11 students will be sitting a complete Paper 1 exam, exactly as it will appear in the Summer of 2025 when they sit their final GCSE exams. A list of useful revision resources is attached below.

If you, or your children have any questions regarding the mocks, or anything else Science related, please speak to your classroom teacher in the first instance or contact Mr. Huhulski.

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Recommended Revision Materials

- https://www.educake.co.uk/ - **Educake: The Science Department has paid for an online subscription for all Students. Revision guides and quizzes can be accessed. Students can log in using their usual username and password. They can ask their Science teacher if they need support or guidance with this.**

- https://www.my-gcsescience.com/ - **My GCSE Science: Premium revision videos with questions included, £25**

- https://www.savemyexams.com/ - **Save My Exams: Revision notes and materials including past questions, free with paid extras**

- https://www.physicsandmathstutor.com/ - **Physics and Maths Tutor: Revision notes, practice questions, mind maps. Catered to Triple Science, but suitable for all if Triple Content is not clicked on. Free, with paid extras.**

- https://www.bbc.co.uk/bitesize - **BBC Bitesize revision notes and practice questions, free.**

- https://www.youtube.com/@Freesciencelessons – **Freesciencelessons – high quality, clear and concise videos explaining each topic in a few minutes, free.**

- https://adam-robbins.com/2019/08/23/all-the-biology-slop-you-need/ - **Biology SLOP – COMPREHENSIVE booklets that cover all content required with embedded practice questions. Tailored for both Combined and Triple Sciences, free.**

- https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources – **AQA Website, search 'AQA GCSE Science Past Papers' – past papers exactly as given in summer exams with mark schemes available, free.**

- https://cognitoedu.org/home – **Cognito – high quality animated videos explaining key concepts along with practice questions.**

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- **CPG Revision Guides – high quality, concise revision guides summarising all key content. Includes access to an online edition with quizzes and videos.**
  - **Combined Science (Higher) [£10.99]**
    https://www.cgpbooks.co.uk/secondary-books/gcse/science/combined-science/sahr46-gcse-combined-science-aqa-revision
  - **Combined Science (Foundation) [£10.99]**
    https://www.cgpbooks.co.uk/secondary-books/gcse/science/combined-science/safr46-gcse-combined-science-aqa-revision
  - **Triple Science – Biology [£6.50]**
    https://www.cgpbooks.co.uk/secondary-books/gcse/science/biology/bar46-gcse-biology-aqa-revision-guide-higher
  - **Triple Science – Chemistry [£6.50]**
    https://www.cgpbooks.co.uk/secondary-books/gcse/science/chemistry/car46-gcse-chemistry-aqa-revision-guide
  - **Triple Science – Physics [£6.50]**
    https://www.cgpbooks.co.uk/secondary-books/gcse/science/physics/par48-gcse-physics-aqa-revision-guide-higher