



Dartmoor
Multi Academy
Trust

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family



8th October 2025

Dear year 11 students, parents and carers,

Science Department – Year 11 Mock Exam Preparation

As you prepare for your upcoming mock examinations, the science department would like to support you with key information and revision strategies to help you succeed.

1. What is Being Assessed

Triple Science Students

Biology H/F	Writing exam	1 hour 45 minutes	GCSE Biology 8461 Specification Specification At A Glance AQA Topics 1–4: Cell biology; organisation; infection and response; and bioenergetics.
Chemistry H/F	Writing exam	1 hour 45 minutes	GCSE Chemistry 8462 Specification Specification At A Glance AQA Topics 1–5: Atomic structure and the periodic table; bonding, structure, and the properties of matter; quantitative chemistry, chemical changes; and energy changes.
Physics H/F	Writing exam	1 hour 45 minutes	GCSE Physics 8463 Specification Specification At A Glance AQA Topics 1–4: Energy; electricity; particle model of matter; and atomic structure.

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Combined Science Students - [GCSE Science 8464 | Specification | AQA](#)

Combined Biology H/F	Writing exam	1 hour 15 minutes	Biology topics 1–4: Cell biology; organisation; infection and response; and bioenergetics.
Combined Chemistry H/F	Writing exam	1 hour 15 minutes	Chemistry topics 8–12: Atomic structure and the periodic table; bonding, structure, and the properties of matter; quantitative chemistry; chemical changes; and energy changes.
Combined Physics H/F	Writing exam	1 hour 15 minutes	Physics topics 18–21: Energy; electricity; particle model of matter; and atomic structure.

2. Suggested Revision Strategies

- Create a manageable revision timetable and reward yourself for sticking to it.
- Start early and ask teachers for help before half term.
- Use the specification and rate each point 'red, amber and green'; prioritise the red and amber sections first.
- Use flashcards to test key definitions and concepts.
 - o You could do a few at breakfast and dinner time.
- Practice past paper questions under timed conditions.
 - o Use AQA mark schemes. Make notes on learning gaps.
- Use diagrams and mind maps to visualise processes and relationships.
- Teach a topic to someone else to reinforce your understanding.

3. Useful Revision Resources

- Use the specification links above to see the exact content that will be assessed.
- BBC Bitesize: <https://www.bbc.co.uk/bitesize/levels/z98jmp3>
- AQA revision Guide
- Physics and Maths Tutor: <https://www.physicsandmathstutor.com/>
 - o Past paper questions and mark schemes
 - o Notes, Flash cards, Mind maps.
- Cognito(YouTube): [IMPORTANT - The Cognito Platform Has Launched](#)



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We wish you the very best in your revision and upcoming mock exams. If you have any questions or need further support, please speak to your science teachers.

With kind regards,

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