






How will I be assessed in science?



AQA Science Trilogy																																					
What topics will I be assessed on?	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>BIOLOGY</u></th> <th style="text-align: center;"><u>CHEMISTRY</u></th> <th style="text-align: center;"><u>PHYSICS</u></th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <p>Paper (B1):</p> <ol style="list-style-type: none"> 1. Cell structure & transport. 2. Cell division 3. Organisation & the digestive system. 4. Organising animals & plants. 5. Communicable diseases 6. Preventing & treating disease 7. Non-communicable diseases 8. Photosynthesis 9. Respiration. <p>Paper (B2):</p> <ol style="list-style-type: none"> 10. The human nervous system. 11. Hormonal coordination. 12. Homeostasis in action. 13. Reproduction. 14. Variation. 15. Genetics & evolution. 16. Adaptations. 17. Organising an ecosystem. 18. Biodiversity & ecosystems. </td> <td style="vertical-align: top;"> <p>Paper (C1):</p> <ol style="list-style-type: none"> 1. Atomic structure. 2. The periodic table. 3. Bonding. 4. Quantitative chemistry. 5. Chemical changes. 6. Electrolysis. 7. Energy changes. <p>Paper (C2):</p> <ol style="list-style-type: none"> 8. Rates & equilibrium. 9. Reversible reactions. 10. Organic chemistry: hydrocarbons. 11. Chemical analysis. 12. The earth's atmosphere. 13. The earth's resources. </td> <td style="vertical-align: top;"> <p>Paper (P1):</p> <ol style="list-style-type: none"> 1. Energy 2. Electricity. 3. Particle model of matter. 4. Atomic structure <p>Paper (P2):</p> <ol style="list-style-type: none"> 5. Forces & motion. 6. Pressure. 7. Wave properties. 8. Electromagnetic waves. 9. Magnetism and electromagnetism. </td> </tr> </tbody> </table>	<u>BIOLOGY</u>	<u>CHEMISTRY</u>	<u>PHYSICS</u>	<p>Paper (B1):</p> <ol style="list-style-type: none"> 1. Cell structure & transport. 2. Cell division 3. Organisation & the digestive system. 4. Organising animals & plants. 5. Communicable diseases 6. Preventing & treating disease 7. Non-communicable diseases 8. Photosynthesis 9. Respiration. <p>Paper (B2):</p> <ol style="list-style-type: none"> 10. The human nervous system. 11. Hormonal coordination. 12. Homeostasis in action. 13. Reproduction. 14. Variation. 15. Genetics & evolution. 16. Adaptations. 17. Organising an ecosystem. 18. Biodiversity & ecosystems. 	<p>Paper (C1):</p> <ol style="list-style-type: none"> 1. Atomic structure. 2. The periodic table. 3. Bonding. 4. Quantitative chemistry. 5. Chemical changes. 6. Electrolysis. 7. Energy changes. <p>Paper (C2):</p> <ol style="list-style-type: none"> 8. Rates & equilibrium. 9. Reversible reactions. 10. Organic chemistry: hydrocarbons. 11. Chemical analysis. 12. The earth's atmosphere. 13. The earth's resources. 	<p>Paper (P1):</p> <ol style="list-style-type: none"> 1. Energy 2. Electricity. 3. Particle model of matter. 4. Atomic structure <p>Paper (P2):</p> <ol style="list-style-type: none"> 5. Forces & motion. 6. Pressure. 7. Wave properties. 8. Electromagnetic waves. 9. Magnetism and electromagnetism. 																														
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What qualification will I get at the end of the course? What does it mean?	<ul style="list-style-type: none"> • You will be awarded TWO GCSEs. • You will be given two adjacent grades from 9-1. <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td>Foundation</td> <td>5-5</td> <td>5-4</td> <td>4-4</td> <td>4-3</td> <td>3-3</td> <td>3-3</td> <td>3-2</td> <td>2-2</td> <td>2-1</td> <td>1-1</td> </tr> <tr> <td>Higher</td> <td>9-9</td> <td>9-8</td> <td>8-8</td> <td>8-7</td> <td>7-7</td> <td>7-6</td> <td>6-6</td> <td>6-5</td> <td>5-5</td> <td>4-4</td> </tr> </tbody> </table>	Foundation	5-5	5-4	4-4	4-3	3-3	3-3	3-2	2-2	2-1	1-1	Higher	9-9	9-8	8-8	8-7	7-7	7-6	6-6	6-5	5-5	4-4														
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What can I do to improve my grade in science?

	Where can I find it?	What you can do
1. Revision guide	They are available in school at the cost of £5.50. Payment made through ParentPay and collected from the Science Prep room.	<ul style="list-style-type: none"> - Make flashcards and test yourself or get someone to test you. - Complete exam questions . - Condense your notes and see how much you can remember by doing "look, cover, write, check" - Just reading is NOT effective revision.
2. Educake 	https://www.educake.co.uk A website that contains past paper questions on all topics. All students have been given their individual log in. If you have problems logging on, you will need to see your classroom teacher who can reset your password to your username.	A website that contains past paper questions on all topics. You can choose what you want to work on and it will mark your work for you.
3. Seneca 	https://www.senecalearning.com/ Download the free app and sign up yourself.	Contains lots of questions to test your knowledge and understanding.
4. BBC Bitesize 	https://www.bbc.com/bitesize Combined science: AQA GCSE combined science Trilogy Triple science: AQA GCSE Biology, AQA GCSE Chemistry, AQA GCSE Physics.	All content is on BBC bitesize with videos, quizzes and exam questions.
5. Revision lessons	These are every Thursday 3:00 -4:00pm. Each subject is taught by a specialist teacher.	Complete supervised revision (content, skills & exam questions) with a member of staff on hand to answer any questions.
6. AQA past exam papers and questions.	Specimen papers and mark schemes can be found on the AQA website: https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources Also check announcements Mr Lambert	You can print papers & mark schemes off in school or at home. Use them to get familiar with the exam paper and wording of exam questions and answers.
7. Youtube	Type in free science lessons then the topic revising or Cognito science and the topic for short revision videos of key content and skills	Short videos to watch before starting revision or to help with a difficult topic.
8. SAM learning	Log into your account either by clicking the link on This website or typing SAM learning into a search engine	Weekly science tasks to complete and teacher set homeworks. Also contains many activities that can be self set and works with AI to help find and correct weaknesses.
9. Kerboodle	Online textbook and exam questions and summaries of all topics covered https://www.kerboodle.com/users/login	Log onto the app and answer the summary questions and use the text book for revision support

