

## Curriculum information for Science Year 10

<b>Which exam board and course is it?</b>	AQA – Trilogy (Combined Science) AQA – Single Sciences (Triple) – Biology, Chemistry, Physics	
<b>What curriculum topics are being covered each year?</b>	Topic numbers included in brackets – these link to the revision guide	
	<b>Biology</b>	Infection and response (3), Bioenergetics (4), Homeostasis and Response (5)
	<b>Chemistry</b>	Bonding and Structure – Covalent and Nanotechnology (2), Quantitative (3), Energy Changes (5), Rate and Extent of Chemical Change (6)
	<b>Physics</b>	Atomic Structure (4), Forces (5), Electricity (2)
<b>How many exams have they got and what is covered in each one?</b>	Students continue to have end of topic tests as a form of formal assessment. Combined Science exams each last 1hr 15mins. Single Science exams each last 1hr 45mins.	
<b>What should my child be focusing on?</b>	Key word definitions for all subjects and equations for Physics. Completing practice papers. Core questions on topic sheets Completing homework on Educake and setting self-tests on Educake to further revise.	
<b>What is the best way for me to support my child in this subject?</b>	<ul style="list-style-type: none"> <li>• Ensure your child has a quiet area to do regular revision or homework on a weekly basis.</li> <li>• Ask your child to show you the work they have completed during this time.</li> <li>• Talk to your child about the topics they have been taught recently and how they link to previous topics; ask them what they have done in lesson that day.</li> <li>• Ensure students have got resources for revision/homework using the information below.</li> </ul>	
<b>What websites and resources would be helpful?</b>  <b>What wider reading would be helpful?</b>  <b>Where can I get resources?</b>	<ul style="list-style-type: none"> <li>• Educake – used for homework/revision - <a href="https://www.educake.co.uk/">https://www.educake.co.uk/</a></li> <li>• BBC bitesize – Combined - <a href="https://www.bbc.com/bitesize/examspecs/z8r997h">https://www.bbc.com/bitesize/examspecs/z8r997h</a></li> <li>• BBC bitesize – Single Sciences - <a href="https://www.bbc.com/bitesize/subjects/zrkw2hv">https://www.bbc.com/bitesize/subjects/zrkw2hv</a></li> <li>• Free science lessons - <a href="https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw">https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw</a></li> <li>• Revision guides can be bought through the school shop. (Order online and then students can collect after 3 working days subject to availability)</li> </ul>	
<b>Have previous students got any tips or advice for this subject?</b>	Start regular sessions of revision early – from the beginning of Year 10. Learn all your equations for Physics and download the 23 Equations app! Revise little and often to keep it fresh in your mind.	