



## Year 11 Parents Information Evening

Course & Qualifications	<p style="text-align: center;"><b>Separate Sciences</b></p> <p style="text-align: center;">3 GCSEs</p>	<p style="text-align: center;"><b>Core and Additional Science</b></p> <p style="text-align: center;">2 GCSEs</p>	<p style="text-align: center;"><b>Additional Applied Science</b></p> <p style="text-align: center;">2 GCSEs</p>
Exam and coursework content	<p><b>Biology:</b> Three separate 1 hour exams each contributing 25% to final grade (Biology unit 1, Biology unit 2, Biology unit 3). Controlled assessment completed in school contributing 25%.</p> <p><b>Chemistry:</b> Three separate 1 hour exams each contributing 25% to final grade (Chemistry unit 1, Chemistry unit 2, Chemistry unit 3) Controlled assessment completed in school contributing 25%.</p> <p><b>Physics:</b> Three separate 1 hour exams each contributing 25% to final grade (Physics unit 1, Physics unit 2, Physics unit 3). Controlled assessment completed in school contributing 25%. <b>(9 exams in total)</b></p>	<p><b>Core Science:</b> Three separate 1 hour exams each contributing 25% to final grade (Biology, Chemistry, Physics). Controlled assessment completed in school contributing 25%.</p> <p><b>Additional Science:</b> Three separate 1 hour exams each contributing 25% to final grade (Biology, Chemistry, Physics). Controlled assessment completed in school contributing 25%. <b>(6 exams in total)</b></p>	<p><b>Core Science:</b> Three separate 1 hour exams each contributing 25% to final grade (Biology, Chemistry, Physics). Controlled assessment completed in school contributing 25%.</p> <p><b>Additional Applied Science:</b> One hour long paper contributing 40% to the final grade. Controlled assessments completed in school contributing 60%. <b>(4 exams in total)</b></p>
Specification links	<p>Biology Specification <a href="http://filestore.aqa.org.uk/subjects/AQA-BIOL-W-SP-14.PDF">http://filestore.aqa.org.uk/subjects/AQA-BIOL-W-SP-14.PDF</a></p> <p>Chemistry Specification <a href="http://filestore.aqa.org.uk/subjects/AQA-4402-W-SP-14.PDF">http://filestore.aqa.org.uk/subjects/AQA-4402-W-SP-14.PDF</a></p> <p>Physics Specification <a href="http://filestore.aqa.org.uk/subjects/AQA-PHYS-W-SP-14.PDF">http://filestore.aqa.org.uk/subjects/AQA-PHYS-W-SP-14.PDF</a></p>	<p>Core Science A Specification <a href="http://filestore.aqa.org.uk/subjects/AQA-4405-W-SP-14.PDF">http://filestore.aqa.org.uk/subjects/AQA-4405-W-SP-14.PDF</a></p> <p>Additional Science Specification <a href="http://filestore.aqa.org.uk/subjects/AQA-ADDSCI-W-SP-14.PDF">http://filestore.aqa.org.uk/subjects/AQA-ADDSCI-W-SP-14.PDF</a></p>	<p>Core Science A Specification <a href="http://filestore.aqa.org.uk/subjects/AQA-4405-W-SP-14.PDF">http://filestore.aqa.org.uk/subjects/AQA-4405-W-SP-14.PDF</a></p> <p>Additional Applied Science Specification <a href="http://filestore.aqa.org.uk/subjects/AQA-4505-W-SP-14.PDF">http://filestore.aqa.org.uk/subjects/AQA-4505-W-SP-14.PDF</a></p>
Where you can find past papers	<p>Biology <a href="http://www.aqa.org.uk/subjects/science/gcse/biology-4401/past-papers-and-mark-schemes">http://www.aqa.org.uk/subjects/science/gcse/biology-4401/past-papers-and-mark-schemes</a></p> <p>Chemistry: <a href="http://www.aqa.org.uk/subjects/science/gcse/chemistry-4402/past-papers-and-mark-schemes">http://www.aqa.org.uk/subjects/science/gcse/chemistry-4402/past-papers-and-mark-schemes</a></p> <p>Physics <a href="http://www.aqa.org.uk/subjects/science/gcse/physics-4403/past-papers-and-mark-schemes">http://www.aqa.org.uk/subjects/science/gcse/physics-4403/past-papers-and-mark-schemes</a></p>	<p>Core Science <a href="http://www.aqa.org.uk/subjects/science/gcse/science-a-4405/past-papers-and-mark-schemes">http://www.aqa.org.uk/subjects/science/gcse/science-a-4405/past-papers-and-mark-schemes</a></p> <p>Additional Science: <a href="http://www.aqa.org.uk/subjects/science/gcse/additional-science-4408/past-papers-and-mark-schemes">http://www.aqa.org.uk/subjects/science/gcse/additional-science-4408/past-papers-and-mark-schemes</a></p>	<p>Core Science <a href="http://www.aqa.org.uk/subjects/science/gcse/science-a-4405/past-papers-and-mark-schemes">http://www.aqa.org.uk/subjects/science/gcse/science-a-4405/past-papers-and-mark-schemes</a></p> <p>Additional Applied Science: <a href="http://www.aqa.org.uk/subjects/science/gcse/additional-applied-science-4505/past-papers-and-mark-schemes">http://www.aqa.org.uk/subjects/science/gcse/additional-applied-science-4505/past-papers-and-mark-schemes</a></p>



### **Top three most important resources to help girls do well in Science:**

#### **Specification, Specification, Specification**

The exam board writes questions based solely on the content of the specification. Using this to revise ensures students know EXACTLY what examiners are looking for in answers.

#### **Revision Guides**

If girls don't already have them, revision guides are available to purchase from St Edmund's Science Department. They can also be purchased from amazon. Girls should use these to make their own revision resources such as mind maps, loop cards, flow diagrams, flash cards, revision note books, posters etc.

#### **Past papers, past papers, past papers!**

This is the BEST way to improve exam technique and boost grades. Exam boards publish and make freely available past exam papers and mark schemes. Girls should take full advantage of this. Use the links to download past papers. After revising a topic girls should complete sections of exam papers. They should then use the exam board mark scheme to mark their own papers. After, they should analyse where/why they didn't get full marks. Often it is simply because they didn't include one key word.

Students will start to notice they find the same kind of questions, worded in a slightly different way, come up year after year looking for similar answers. Students may find it helpful having the specification in front of them when completing past papers to help identify the correct keywords to use.

### **What can parents do to help?**

- Girls studying Additional Applied Science will be completing coursework throughout the whole of terms 2 and 3 so cannot afford to miss any lessons. Encourage 100% attendance at school wherever possible.
- Help your daughter make a comprehensive revision time table to be completed at home starting in January 2017. Electronic templates are available from the Science department if girls would like them.
- The temptation for students is always to leave revision for the last exams they do until last. This means they often start revising for the hardest exams far too late. Encourage your daughter to include revision for ALL her Science exams in her revision timetable at home right from January.
- Print off past exam papers for students to complete as part of revision so they can apply their understanding and improve their exam technique.
- Terminology is important. Encourage your daughter to be VERY strict and picky when marking her past papers. If she hasn't used the keywords included the exam board's mark scheme, it isn't correct. Mark schemes will also tell you what isn't acceptable. For example if a question asked: 'Q – what is an allele?' 'A – a different form of a gene' would be correct, whereas 'A – a different form of gene' would be incorrect.
- Talk to your daughter's Science teacher(s) if you have concerns.

### **Other useful places:**

BBC bitesize: <http://www.bbc.co.uk/education/subjects/zrkw2hv>

Kerboodle: <https://www.kerboodle.com/users/login> (your daughter will have a login)