

Science

Subject: Combined Science	Exam Board: AQA	Head of Department: Mr Hoskins
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Assessment

There will be two exams in each science:

(i.e. Biology 1, Biology 2, Chemistry 1, Chemistry 2, Physics 1 and Physics 2 papers)

Each paper is 1 hour 15 minutes

Foundation and Higher Tier: 70 marks

Pupils will either sit all Foundation (Grades 1 to 5) or all Higher papers (Grades 4 to 9).

Pupils will obtain two GCSE grades. These could be the same e.g. 7 & 7 or differ by one grade e.g. 6 & 7.

General Information:

There are 18 required practicals - Students will need to use their knowledge and understanding of these practical techniques and procedures in the written assessments.

Students need to record the work that they have undertaken for the required core practicals.

The practical record must include the knowledge, skills and understanding they have derived from the practical activities.

Maths Skills:

20% of exam questions will assess mathematical skills – at Foundation this will be the equivalent to KS3 Maths and at Higher this will be the equivalent of GCSE Foundation Maths.

There is a set of physics equations which pupils will be expected to recall and apply and a smaller number they will need to select and apply.

Useful Resources

<http://www.bbc.co.uk/schools/gcsebitesize/science/>

<https://senecalearning.com/>

<http://www.s-cool.co.uk/gcse/biology>

<http://www.s-cool.co.uk/gcse/chemistry>

<http://www.s-cool.co.uk/gcse/physics>

How you can support your child

- Check what homework is set and that it is being done – these will be all online so they (and you) can get immediate feedback - <https://www.samlearning.com/>
- Encourage them to revise work completed in class regularly.
- Encourage them to use their online science book at: <https://www.kerboodle.com>
- Download the syllabus for each course from: <http://www.aqa.org.uk/subjects/science/gcse>
- Download past-papers from the syllabus section of the AQA website.
- Ask them about their required practicals – ensure they catch-up on any missed practicals.
- Regularly test them on their recall of the identified physics equations.

Subject: Separate Sciences	Exam Board: AQA	Head of Department: Mr Hoskins
Assessment		
<p>Biology</p> <div style="display: flex; flex-direction: column; align-items: center; gap: 10px;"> <div style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px; text-align: center;"> Biology 1 Paper 1 1hr 45 100 marks </div> <div style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px; text-align: center;"> Biology 2 Paper 2 1hr 45 100 marks </div> </div> <p>Pupils will either sit all Foundation (Grades 1 to 5) or all Higher papers (Grades 4 to 9).</p> <p>Pupils will obtain one GCSE grade.</p>	<p>Chemistry</p> <div style="display: flex; flex-direction: column; align-items: center; gap: 10px;"> <div style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px; text-align: center;"> Chemistry 1 Paper 1 1hr 45 100 marks </div> <div style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px; text-align: center;"> Chemistry 2 Paper 2 1hr 45 100 marks </div> </div> <p>Pupils will either sit all Foundation (Grades 1 to 5) or all Higher papers (Grades 4 to 9).</p> <p>Pupils will obtain one GCSE grade.</p>	<p>Physics</p> <div style="display: flex; flex-direction: column; align-items: center; gap: 10px;"> <div style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px; text-align: center;"> Physics 1 Paper 1 1hr 45 100 marks </div> <div style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px; text-align: center;"> Physics 2 Paper 2 1hr 45 100 marks </div> </div> <p>Pupils will either sit all Foundation (Grades 1 to 5) or all Higher papers (Grades 4 to 9).</p> <p>Pupils will obtain one GCSE grade.</p>
There are 8 required practicals	There are 8 required practicals	There are 8 required practicals
<p>Students will need to use their knowledge and understanding of these practical techniques and procedures in the written assessments.</p> <p>Students need to record the work that they have undertaken for the mandatory core practicals.</p> <p>The practical record must include the knowledge, skills and understanding they have derived from the practical activities.</p>		
<p>Maths Skills:</p> <p>10% of exam questions will assess mathematical skills.</p>	<p>20% of exam questions will assess mathematical skills.</p>	<p>30% of exam questions will assess mathematical skills.</p> <p>Pupils will be expected to recall and apply a set of physics equations and to select and apply a smaller number.</p>
<p>The required mathematical skills at Foundation will be the equivalent to KS3 Maths and at Higher will be the equivalent of GCSE Foundation Maths.</p>		
<p>Useful Resources</p> <p>See Combined Science (previous page)</p>		
<p>How you can support your child</p> <p>See Combined Science (previous page)</p>		

