

enjoy**learnsucceed**

Science Support for Year 11



high expectations – high challenge

Mrs Humpherson – Head of Science

- Courses
- Exam structure
- 7 resources to help (one for every day of the week)

Small handout available with information presented.

Structure of Course / Exams

- *Courses at Beckfoot Oakbank:*
AQA Science trilogy Foundation Tier
AQA Science trilogy Higher Tier
AQA Science Separate Sciences Higher Tier
- 6 exams for all students.

Biology Paper 1, Biology Paper 2
Chemistry paper 1, Chemistry paper 2
Physics Paper 1, Physics Paper 2
- Exams are different lengths for the different courses.
Triology = 1 hour 15 mins
Separate Science = 1 hour 45 mins .

Exam	Content	Summer Exam Date
Biology 1	1 Cells 2 Organisation Working scientifically 3 infection and response 4 bioenergetics	12 May 2020 pm
Biology 2	5 Homeostasis & response 6 Inheritance variation and evolution Working scientifically 7 Ecology	01 June 2020 pm
Chemistry 1	1 Atomic structure and periodic table 2 Bonding 4 Chemical changes Working scientifically 3 Quantitative chemistry 5 Energy Changes	14 May 2020 am
Chemistry 2	6 Rates of reaction 8 Chemical analysis 10 Using resources Working scientifically 7 Organic chemistry 9 Chem of atmosphere	10 June 2020 pm
Physics 1	1 Energy 3 Particle model of matter Working scientifically 2 Electricity 4 Atomic Structure	20 May 2020 pm
Physics 2	5 Forces 7 Magnetism and electromagnetism 8 Space (Separate Science only) Working scientifically 6 Waves	12 June 2020 am


To help students revise for November mocks

- PiXIL KnowIT booklets to complete. All answers and Powerpoints with theory needed on class charts. Pupils can complete and then self assess.
- GCSE bitesize: Website on parent help sheet. Remember to focus on practical skills (20% of papers)
- Revision guide – need to make flashcards, answer the test yourself questions.
- A3 Quick Quiz questions for each of the 13 topics on the Paper 1 mocks in November
- Knowledge organisers: Read cover write check.
- Physics data sheet (over 20 formula that need to be learnt). 30% of the physics separate science papers are maths, 20% of the Trilogy science.
- Numeracy help sheet

GCSE Biology (Single Science)

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GCSE Biology is the study of living organisms and their structure, life-cycles, adaptations and environment.



GCSE Chemistry (Single Science)

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Chemistry is the study of the composition, behaviour and properties of matter, and of the elements of the Earth and its atmosphere.



GCSE Combined Science

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Exam board content from BBC Bitesize for students in England and Northern Ireland. Choose the exam specification that matches the one you study.



GCSE Physics (Single Science)

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Physics is the study of energy, forces, mechanics, waves, and the structure of atoms and the physical universe.



AQA Synergy >

AQA Trilogy >

CCEA Double Award >

Edexcel >

Eduqas >

OCR 21st Century >

OCR Gateway >

Biology (Combined Science) >

[Cell biology](#)

[Organisation](#)

[Infection and response](#)


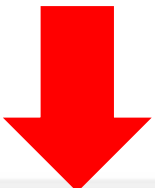
[Bioenergetics](#)


[Homeostasis and response](#)


[Inheritance, variation and evolution](#)


[Ecology](#)

[Practical skills](#)




 **Revise**

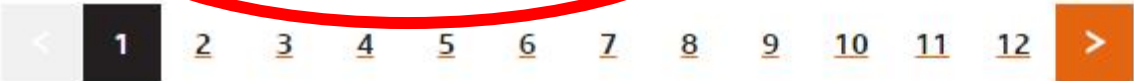
 **Video**

 **Test**

Sign in, save time

We'll remember what you've looked at so you can jump back in.

 **Sign in** or [Register](#) to personalise your Bitesize now.



More Guides

Cell structure - AQA

[Cell division - AQA](#) >

[Transport in cells - AQA](#) >

[Sample exam questions - Cell biology - AQA](#) >

Cell measurement



Struggling to get your head round revision and exams?

Our team of exam survivors will get you started and keep you going.

[Meet them here](#)