



A Level Biology



Review key GCSE Biology topics and get a taster of A level Biology Topic 1 with [Seneca Learning A level Biology Preparation](#). We regularly set Seneca Learning as part of your independent study for A level Biology.

Work through [Head Start to A-Level Biology](#) from CGP. You will be able to purchase CGP revision guides and Exam Practice Workbooks for half price once you start the A level Biology course.

Read current articles on topics ranging from Health to the Environment published by [New Scientist](#) to see real life applications of Biological research. You will have access to the paid articles once you are a member of Blackpool Sixth.

Watch the Royal Society of Biology "A-Z of the Biosciences" careers [playlist 1](#) and [playlist 2](#) to inspire you on your future career options. Our A level Biology students are invited to take part in RSB competitions every year.

For information about the course we run please see the specification on the [AQA website](#). Here you can see the subject content for both years and the assessments that take place at the end of year 2.

A Level Chemistry



Work through [Head start to A-level chemistry](#) from CGP. You will be able to purchase CGP revision guides and Exam Practice Workbooks for half price once you start the A level Chemistry course.

Join a Futurelearn.com course:

<https://www.futurelearn.com/courses/everyday-chemistry>

Select the free course which gives you access to the lessons and discussions.

Take a look at the [Royal Society of Chemistry Aspirin Experiment](#).

This resource allows you to run your own aspirin synthesis and learn about practical aspects of the A-level chemistry course as you do so. A YouTube video explaining the resource can be found [here](#).

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A Level Electronics



Watch these "Engineering Mindset" videos introducing many aspects of electronic theory and electronic devices.

[Engineering mindset - Electrical Engineering basics](#)

Join the course Quizlet class and learn the required circuit symbols

[Quizlet new starters class](#)

Browse the *Electronics Tutorials* website for some great information on electronic theory

<https://www.electronics-tutorials.ws/>

Learn about the history of electronics, careers, its importance to society and more at

<https://www.turnontoelectronics.org/electronics-a-brief-history/>

A Level Environmental Science



Join a Futurelearn.com course:

<https://www.futurelearn.com/courses/introduction-to-environmental-science>

Select the free course which gives you access to the lessons and discussions.

[Watch a TED talk on environmental science](#)

For information about the course we run please see the specification on the [AQA website](#). Here you can see the subject content for both years and the assessments that take place at the end of year 2.

A Level Physics



- For some great youtube videos on Astrophysics: [Dr Becky on Youtube](#)
- For some good revision resources on the topic we'll be starting with (Mechanics) [GCSE Physics Online](#)
- For helpful material to get your maths skills up to speed: (The 'transition' section is mainly focussed on maths skills you will need for physics but there's also loads of good GCSE revision material here) [Isaac Physics Transition Material](#)

CTEC Applied Science



Work through this course from [Seneca Learning](#). This is a good introduction to topics on the CTEC Applied Science examined units.

To prepare yourself for the coursework units, particularly Unit 4 on Human Physiology, we would like you to produce a leaflet for a doctor's surgery on a common preventable health condition e.g. cardiovascular disease, diabetes, cancer or COPD. This leaflet should include symptoms, treatment and prevention. A good source of information is the [NHS Website](#). You could even try referencing your research using [MyBib](#).

Read current articles on topics ranging from Health to the Environment published by [New Scientist](#) to learn about real life applications of scientific research. You will have access to the paid articles once you are a member of Blackpool Sixth.

Browse the wide range of Science and Research careers described by the [National Careers Service](#) to inspire your future career paths.

For details on the courses we offer, including the examined and coursework units and how you will be graded, please see these guides: [Extended Certificate](#) (1 A level Equivalent) or [Diploma](#) (2 A level Equivalent).