

## Welcome to A Level Biology

In order to give you the best possible start to your A Level please find below links to books and resources that will allow you to develop your GCSE understanding to help you build your knowledge and confidence ready for your next steps in science.

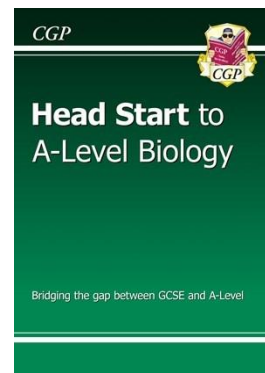
### What you can read.

“CGP Head Start to A Level Biology”

<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/biology/bbr71-head-start-to-a-level-biology>

ISBN: 9781782942795

This book aims to bridge the gap from GCSE to A Level, recapping all of the important topics that you will build on during your A Level study.

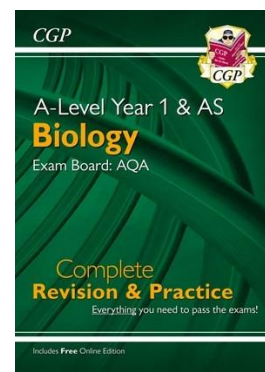


“CGP New A Level Biology Year 1 and AS Complete revision and Practice”

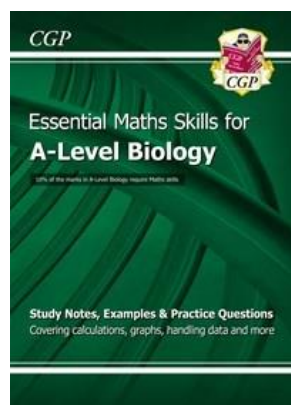
This book will cover the entire year in easy to access, study friendly formats that many students are familiar with from GCSE.

<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/biology/bar54-new-a-level-biology-aqa-year-1-as-comp>

ISBN: 9781789080247



### Developing your Maths skills



Whilst it is worth reminding students that this isn't an A Level in Maths it should be accepted that there will be a significant amount of maths across the two-year course. This text book covers the essential skills that you will need during your A Level. It is worth a read prior to starting but will also help you throughout your course.

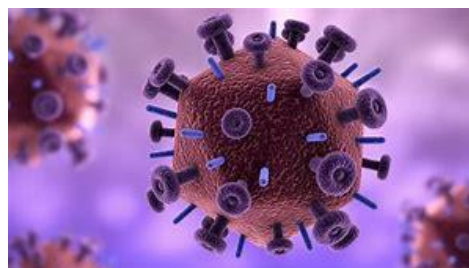
<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/biology/bmr71-a-level-biology-essential-maths-skills>

ISBN: 9781847623232

### ***Getting a head start on the theory.***

#### Topic 1 - Cells

The first topic you will study at A level Biology is called Cells. You will remember the terms Eukaryotic and Prokaryotic cells from GCSE, at A Level we develop your understanding of these cell types as well as introducing new organelles. This will lead to the discussion as to how named cells are adapted for their function.



Once we have studied cells we are then able to look at the application of this theory in regards to disease, immunity and physiology.

The following videos will give you a good idea of the content prior to starting the course:

<https://www.youtube.com/watch?v=pl4J56byOD0> – Mr Pollock Biology - Eukaryotic Cells

<https://www.youtube.com/watch?v=jEY9Bie92aM&list=PLvlduy9UGVRXMUBXEEwQ0QxfceFYJiZY6&index=20> – Mr Pollock Biology – The Fluid Mosaic Model

You could also look to read the relevant pages in the CGP textbooks.

### ***Important information***

At Burnley College we study the AQA specification (<https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402>) when you are looking to purchase text books or view videos it is worth looking at the specifications that they are relevant to, other exam boards may cover similar content but their exam structures are very different and therefore the resources are of restricted use. If you have any questions, please do not hesitate to contact the Biology team via [alevels@burnley.ac.uk](mailto:alevels@burnley.ac.uk)

Thank you and we look forward to seeing you in the new academic year,

Ellie Smith, Katie Conlon and Rebecca Wilkinson (aka Team Bio.).