

# Get ready for Biology

## About the subject

The topics studied will build on prior learning at GCSE level and will cover a whole range of fundamental biological concepts applied to different situations to make the content interesting, relevant and current.

The main topic areas studied are: biological molecules, cells, exchange of substances between organisms and their environment, genetic information, variation and relationships between organisms, energy transfers in and between organisms, how organisms respond to changes in their internal and external environments, genetics, populations, evolution and ecosystems, DNA Technology and the control of gene expression.

## Your tasks

Biology Induction Task 2020 [<https://www.barnsleysixthformcollege.co.uk/app/uploads/2020/04/Bio-Induction-Task-2020.docx>]

## Essential reading

Thoroughly review your Biology notes and any text books you have from GCSE Science, this will give you a strong foundation for studying A Level Biology.

Browse through the A Level Biology Specification to get a better idea of what you will be studying: <https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402/introduction> [[https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.aqa.org.uk%2fsubjects%2fscience%2fas-and-a-level%2fbiology-7401-7402%2fintroduction&c=E,1,1wv17nTCEKWMLCUyY4vNnpHo9279at6J5phNfcjl3xc3Sc9nchchZjJROPHFiNDWdew\\_DzQPS5RY5BkfUuP4siI3ja594-0lyx1VPo5RuNAz5\\_KOBNi&typo=1](https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.aqa.org.uk%2fsubjects%2fscience%2fas-and-a-level%2fbiology-7401-7402%2fintroduction&c=E,1,1wv17nTCEKWMLCUyY4vNnpHo9279at6J5phNfcjl3xc3Sc9nchchZjJROPHFiNDWdew_DzQPS5RY5BkfUuP4siI3ja594-0lyx1VPo5RuNAz5_KOBNi&typo=1)]

## Useful websites and other resources

You will be required to buy a text book for this course, these will be available to buy a reduced price from college when your course begins.

**Last updated:** 23rd June 2020

## Any questions?

Email us on [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk)

Call us on **01226 216 123**