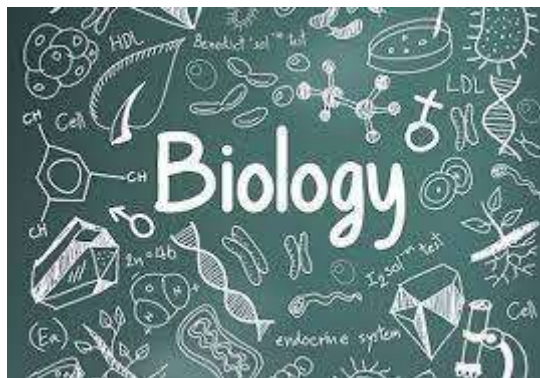




## Welcome to A Level Biology



### Your course

You will be studying Biology A Level with the Edexcel (Salters Nuffield) exam board. Details of the specification and course assessment can be found here:

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/biology-a-2015.html>

We encourage you to become familiar with the course specification as soon as you start your course in September.

### Summer bridging work

Read through carefully to make sure you understand what you are required to hand in. **You will need to hand in this work during your first two lessons in September.**

#### *Resources:*

[Biology induction booklet](#)

[Pre-test Mark scheme](#)

### TASK 1

Complete the Pre-test section of the Induction handbook. Use the separate Mark scheme to assess and highlight gaps in your knowledge.

### TASK 2

Work through the summary sheets and linked worksheets covering cell structure, mitosis, microscopy, transport enzymes and protein synthesis. We will review these in the second lesson in September.

### TASK 3

Choose some activities from the extension page to find an area of biology that interests you. Bring a summary of the extension work that you have done in to class in September.

**Extension**

WITHOUT DOUBT, THE STUDENTS WHO THRIVE AT A-LEVEL BIOLOGY ARE THE ONES WHO HAVE AN INTEREST OUTSIDE OF THE CLASSROOM. OVER THE SUMMER BREAK, MAKE AN EFFORT TO TRY SOME OF THESE SUGGESTED EXTENSION ACTIVITIES

**Films:**  
Contagion  
Outbreak  
Gattaca  
Jurassic world  
The Island  
Blackfish  
Cowspiracy

**Reading - magazines:**  
New Scientist  
Biological Science Review  
Big Picture

**Reading - Books (& Audiobooks):**  
Sapiens  
Almost like a whale  
Selfish Gene  
Blind Watch maker

**Online opportunities:**  
MOOCs - Google Biology  
MOOCs  
Live lessons - find out what you can access over the summer. There are lots around!  
TED talks - get lost in biology TED talks

**MOOC LIST**

Stuart, Neurobiology, Medicine, and Society (Coursera)

Richard Dawkins  
BLIND WATCHMAKER

NEW SCIENTIST  
CORONAVIRUS

YUVAL NAHAL HARARI  
Sapiens  
A Brief History of Humankind

VIRTUAL MAINE BIBLET CAMP  
WILSON

EVERY MURDER MISTRESS AT AN MIT LIVE ON MOOC (YOUTUBE)

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