

# A Level Biology Flying Start

To be successful in Biology, you will need to GET ORGANISED

## 1. Go on a shopping trip to buy your Biology Kit. You will need

- Loose Leaf file with sheets of paper
- Leaver arch file for archiving
- Cardboard dividers
- Pen
- Pencil
- Ruler
- Eraser
- Coloured pencils or pens
- Scientific Calculator (for example, Casio natural display £8.99 from Argos is OK)

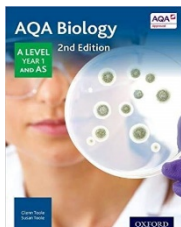


All of these you will need for your very first lesson

## 2. Text Book.

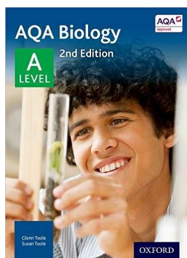
These are available in the library but it is good to have your own copy.

Year one only:



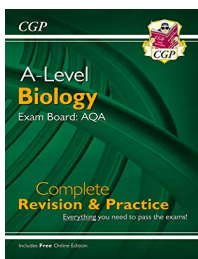
[https://www.amazon.co.uk/Biology-Level-Year-Student-Book/dp/0198351763/ref=sr\\_1\\_2?crid=09EYMCE505VB&keywords=toole+and+toole+a+level+biology&qid=1561638868&s=gateway&sprefix=toole+and+%2Caps%2C124&sr=8-2](https://www.amazon.co.uk/Biology-Level-Year-Student-Book/dp/0198351763/ref=sr_1_2?crid=09EYMCE505VB&keywords=toole+and+toole+a+level+biology&qid=1561638868&s=gateway&sprefix=toole+and+%2Caps%2C124&sr=8-2)

Or the 2 year version....



[https://www.amazon.co.uk/AQA-Biology-Level-Student-Book/dp/0198351771/ref=sr\\_1\\_3?crid=09EYMCE505VB&keywords=toole+and+toole+a+level+biology&qid=1561639032&s=gateway&sprefix=toole+and+%2Caps%2C124&sr=8-3](https://www.amazon.co.uk/AQA-Biology-Level-Student-Book/dp/0198351771/ref=sr_1_3?crid=09EYMCE505VB&keywords=toole+and+toole+a+level+biology&qid=1561639032&s=gateway&sprefix=toole+and+%2Caps%2C124&sr=8-3)

There is also the revision guide – we can usually get these at a reduced price for you in September



[https://www.amazon.co.uk/New-Level-Biology-2018-Complete/dp/1789080266/ref=sr\\_1\\_1?crid=1AIDXMC607S3U&keywords=cgp+aq+biology+a+level&qid=1561639251&s=gateway&sprefix=cgp+aq+biology%2Caps%2C125&sr=8-1](https://www.amazon.co.uk/New-Level-Biology-2018-Complete/dp/1789080266/ref=sr_1_1?crid=1AIDXMC607S3U&keywords=cgp+aq+biology+a+level&qid=1561639251&s=gateway&sprefix=cgp+aq+biology%2Caps%2C125&sr=8-1)

GCSE RECAP – Fill in the table.

		True	False	If you have chosen false explain why.
1	Enzymes make reactions happen.			
2	Photosynthesis converts carbon dioxide to oxygen			
3	All arteries carry oxygenated blood.			
4	Particle only move in one direction when they diffuse.			
5	An adult human lung contains 750 million alveoli. This is to provide a large surface area for gaseous exchange.			
6	Skin is a tissue			
7	Arteries have a thick muscular wall so that they can pump blood.			
8	Muscles expand and contract.			
9	Pasta and potatoes are examples of carbohydrates.			
10	Plants breathe carbon dioxide whereas animals breathe oxygen.			
11	The coronary arteries supply the heart muscle with oxygen and glucose.			
12	Proteins are long chain polymers made up of the monomer glucose.			
13	Nerves carry messages.			
14	Plant cells have a cell wall. Animal cells have a cell membrane.			
15	A gene is a length of DNA that carries the genetic code for a single protein.			
16	Meitosis is a form of cell division.			
17	The more ice-creams sold in a day the more cases of heat stroke are reported. Therefore ice-cream causes heat stroke.			
18	The overuse of antibiotics <u>make</u> bacteria mutate into resistant strains.			
19	Enzymes are killed at a high temperature.			
20	Respiration means the same thing as breathing.			

## Specification

Download the specification here:

<https://filestore.aqa.org.uk/resources/biology/specifications/AQA-7401-7402-SP-2015.PDF>

Print pages 11-18 and put these into your file

## AQA Transition Guide

<https://filestore.aqa.org.uk/resources/biology/AQA-7401-7402-TG.PDF>

**Complete ALL the activities from P10-25**

NOTE: This is the bulk of your flying start work and will take 2+ hours to complete.

It must be completed for the first lesson of A level Biology.

