

Preparing for your September Biology Test:

Rational

The purpose of the first assessment is to ensure that Biology is the right subject choice for you, so that you can be confident you have made the right choices to ultimately obtain the best A Level grades you can. A Level Biology is a very challenging course and there is no longer an option to finish this course of at the end of Year 12. This assessment serves to check your suitability for studying Biology at this level for a further 2 years.

To ensure you are successful in this endeavour you **MUST** prepare for the test effectively. This includes attending the Biology Induction session and the Bridging the Gap session, as well as completing the homework assigned on biological molecules. A list of topics that will be assessed are listed below to aid you in your preparations. Note that some of the topics draw on GCSE content which has already been taught.

List of topics that could appear on the September test:

- Genes, alleles and inheritance (B2)
- Recessive disorders such as cystic fibrosis and genetic cross diagrams. (B2)
- Risk factors and treatment of heart disease. (B1)
- Drugs and drug testing (B1)
- Transport across membranes (B3)
- Heart structure (B3)
- Percentage calculations (B1-3)
- T tests (bridging the gap)
- DNA structure (induction)
- RNA structure (induction)
- DNA replication (induction)