A Level Bridging Work

Department: **BIOLOGY**

A Level Syllabus and Assessment Structure:

As you embark upon your study of A Level Biology (7402) through the AQA exam board, you will begin in September to explore **3.1 Biological Molecules** and **3.2 Cells**. The A Level Biology specification can be found at:
https://filestore.aqa.org.uk/resources/biology/specifications/AQA-7401-7402-SP-2015.PDF

As well as developing skills, knowledge and understanding in Biology and the necessary literacy skills to communicate your ideas, you will also need to demonstrate competence in applying practical and mathematical skills, as well as the ability to apply your understanding to unfamiliar contexts. Such knowledge and skills will all be assessed through a variety of means including short answer, comprehension and extended response questions within the three exam papers that you will sit at the end of Year 13.

Assessments

Paper 1	Paper 2	Paper 3
What's assessed • Any content from topics 1–4, including relevant practical skills	**What's assessed** • Any content from topics 5–8, including relevant practical skills	**What's assessed** • Any content from topics 1–8, including relevant practical skills
Assessed • written exam: 2 hours • 91 marks • 35% of A-level	**Assessed** • written exam: 2 hours • 91 marks • 35% of A-level	**Assessed** • written exam: 2 hours • 78 marks • 30% of A-level
Questions • 76 marks: a mixture of short and long answer questions • 15 marks: extended response questions	**Questions** • 76 marks: a mixture of short and long answer questions • 15 marks: comprehension question	**Questions** • 38 marks: structured questions, including practical techniques • 15 marks: critical analysis of given experimental data • 25 marks: one essay from a choice of two titles

If you have any questions, please contact me at jmillatt@lrgs.org.uk

Mr J Millatt
Head of Biology

Required (Task Time: 3 hrs)	The following YouTube channel can be very useful for A Level students. Please subscribe to Miss Estruch Biology Watch the first two podcasts covering the first two units of work and make some notes: **1. Biological Molecules** (37min 20sec) https://youtu.be/DxGU-8GYm5g?si=oMGk9SfcF7uEn1Ju 2. **Cells** (59 min 08sec) https://youtu.be/C88QynEYPXo?si=ELpfJ4MMxziPQuRx

Highly Recommended (Task Time: 5 hrs)	In addition, to reach the highest grades, you must engage in wider reading around the subject to develop your understanding beyond the specification and be driven by a genuine interest. It is our hope that we can inspire you to pursue a future career within Science and particularly within the many different areas of Biology. The following is a reading list that is applicable to all A Level Biologists. Choose at least one book to read over the summer.  The Wainwright Prize winners are also great Biology related reads: https://wainwrightprize.com/ The Royal Society - Trivedi Science Book Prize also has some popular science literature: https://royalsociety.org/medals-and-prizes/science-book-prize/
Optional	Make a start on this award: