A level Biology

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| **EXPECTATIONS** | * Remind yourself of the subject expectations and the syllabus by watching the Subject Video on the school website: <https://sixthform.fulford.york.sch.uk/curriculum-offer/>
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| **PURCHASE****A black shopping cart with wheels  Description automatically generated with low confidence** | **Essential**: A level Biology Year 1 (AS) text book - AQA Biology 2nd edition, Toole, G. and S. Oxford University Press. Three books are available:* Year 1 only: ISBN 978-0198351764
* Year 2 only: ISBN 978-0198357704 (needed for Y13)
* Year 1 and Year 2 (larger book): ISBN 978-0198351771

**Helpful text but not essential:** • Essential Maths Skills for A level Biology (CGP): ISBN 978-1847623232 |
| **REVIEW****A black and white clipboard with a check mark  Description automatically generated with medium confidence** | * Review your knowledge of **command words** used in AQA Science, using the link: <https://www.aqa.org.uk/resources/science/as-and-a-level/biology-7401-7402/teach/command-words>
* Review your knowledge of key **scientific disciplinary terms, using the link:**

<https://docs.google.com/document/d/1rr4fcSZrtgHtRSLJWhRA557FVroMiZxU/edit?usp=sharing&ouid=105628626578633359393&rtpof=true&sd=true>  |
| **READ****A black and white pictogram of a person reading a book  Description automatically generated** | Read the following chapters in the A level Biology text book, as given above (page numbers are from the Year 1 book – ISBN 978-0198351764)* 1.1 Introduction to biological molecules (pages 4-7)
* 1.2 and 1.3 Carbohydrates (pages 8-12)
* 2.3 Energy and ATP (pages 46-47)
* 2.4 Water and its functions (pages 48-49)

We will provide you with a list of book titles relating to the world of Science when we start the course in September. Please do share the titles of any books which have inspired you, so we can add them to our list! Two books from our list are ‘The Immortal Life of Henrietta Lacks’. Skloot, R and ‘The Body’. Bryson, B. |
| **COMPLETE****A hand holding a pen  Description automatically generated** | For each of the four chapters stated above, complete a one-sided A4 document to note the key theory, terms, definitions and questions you would like to ask. We recommend trying to use the Cornell-method of note taking to do this. We will be asking you to do similar ‘pre-reading’ activities before taught units throughout the course, so that you have underlying knowledge of the topic, to further develop and apply. |
| **WATCH/LISTEN****A picture containing graphics, clipart, symbol, logo  Description automatically generated** | We would love to hear about Podcasts and programmes that you have listened to or watched that enhance the knowledge of Science. Please share!Science is everywhere – enjoy! |