**St Mary’s Catholic School**

**Year 11 into Year 12 Bridging Work**

**Recommended Reading List for Year 12**

**Biology**

To prepare you for your Sixth Form studies, the reading list below includes a variety of books, articles, and other material to read and use, to broaden your knowledge, and to enrich your understanding of Biology.

Take some time over the summer to complete the reading below, using the tasks to help structure your reading.

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| --- | --- | --- | --- |
| **Read / Watch** | **Link if this is available online** | **Tasks to complete** | **Any additional notes** |
| Three parent babies  Article | <https://www.newscientist.com/article/2107219-exclusive-worlds-first-baby-born-with-new-3-parent-technique/> | Read and make summary notes |  |
| The effect of the coronavirus lockdown on the environment  Article | <https://environmentjournal.online/articles/coronavirus-lockdown-giving-worlds-oceans-much-needed-breathing-space/> | Read and make summary notes |  |
| Biological molecules Video | <https://www.youtube.com/watch?v=PYH63o10iTE> | Summarise and make a list of questions about points you do not understand. | These videos cover some of the essential information in the first units you will cover. |
| Protein synthesis  Video | <https://www.youtube.com/watch?v=h3b9ArupXZg> |
| A tour of the cell  Video | <https://www.youtube.com/watch?v=1Z9pqST72is> |
| Cell organelles  Video | <https://www.youtube.com/watch?v=aczbMlSMr8U> |
| The cell membrane  Video | <https://www.youtube.com/watch?v=y31DlJ6uGgE> |
| The Selfish Gene by  Richard Dawkins | You might be able to get this as a free audio book by subscribing to Amazon Audible |  | Not essential, but worth reading/listening to if you get the chance. |